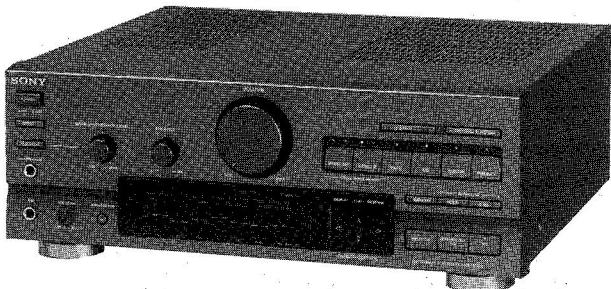


# TA-D607

## SERVICE MANUAL

*AEP Model  
UK Model*



This set is the amplifier section in LBT-D607/607CD.

### SPECIFICATIONS

#### Continuous RMS power output

70 W + 70 W  
(6 ohms, at 1 kHz, 5% THD)

60 W + 60 W  
(6 ohms, DIN, 1 kHz)

#### Music power output

110 W + 110 W  
(6 ohms, at 1 kHz, 10% THD)

Input	Jack type	Sensitivity	Impedance
VIDEO1/DAT	Phono	245 mV	47 kohms
VIDEO2	Phono	245 mV	47 kohms
PHONO(MM)	Phono	3.3 mV	47 kohms
MIC	Phone	1 mV	10 kohms

Audio output	Jack type	Voltage	Impedance
VIDEO1/DAT	Phono	200 mV	2 kohms
SURROUND SPEAKER	Phono	Accepts speakers of 16 ohms	
HEADPHONES	Stereophone	Accepts headphones of 8 ohms or more	

#### Video output (phono jack)

VIDEO1/DAT

1 Vp-p, 75Ω unbalanced,  
sync negative

MONITOR

1 Vp-p, 75Ω unbalanced,  
sync negative

Frequency response

15 Hz to 50 kHz <sup>+0</sup><sub>-3</sub> dB

Power requirements

240 V AC, 50/60 Hz

Power consumption

400 W

Weight

Approx. 6.5 kg (14 lbs 5 oz)

Dimensions

Approx. 355 x 132 x 320 mm  
(14 x 5 1/4 x 12 5/8 inches)  
(w/h/d, including projections)

Design and specifications are subject to change without notice.

#### Note

This appliance conforms with EEC Directive 87/308/EEC regarding interference suppression.

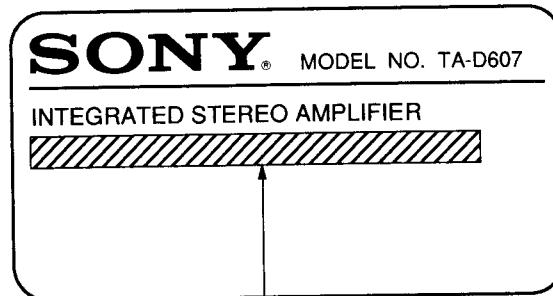
**INTEGRATED STEREO AMPLIFIER**  
**SONY**<sup>®</sup>

## TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
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## MODEL IDENTIFICATION

— Model Number Portion —



AEP model: AC: 220-230V ~ 50/60Hz

UK model: AC: 240V ~ 50/60Hz

## SAFETY-RELATED COMPONENT WARNING!!

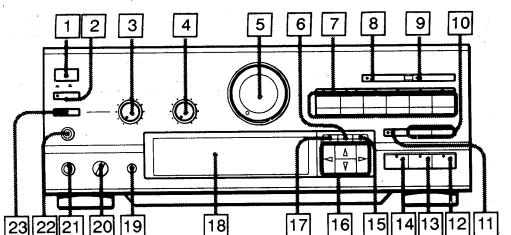
COMPONENTS IDENTIFIED BY MARK OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

# SECTION 1

## GENERAL

This section is extracted from instruction manual.

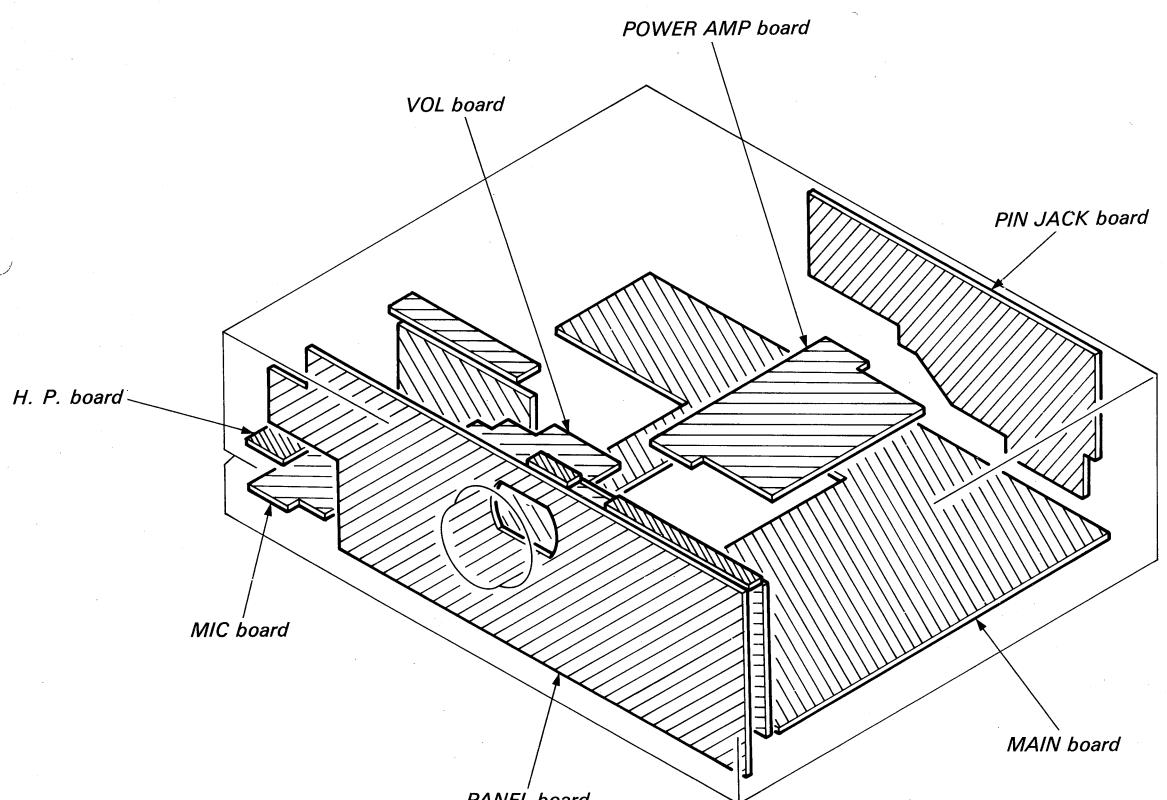
## Location of Controls



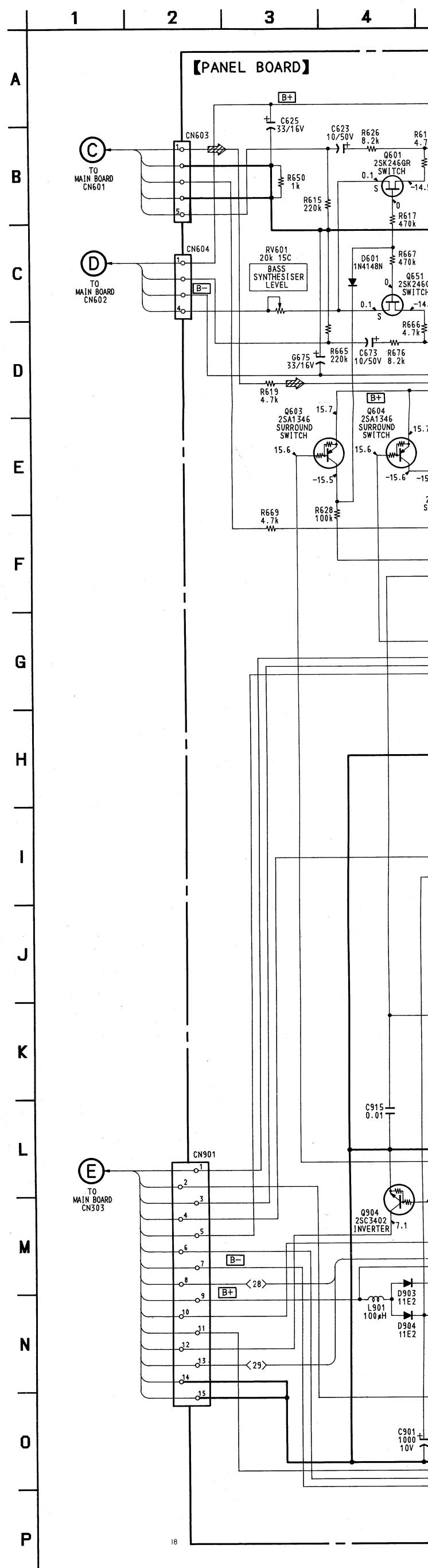
- 1 POWER switch (8)
- 2 EFFECT button and indicator (39)
- 3 BASS SYNTHESIZER LEVEL control (9)
- 4 BALANCE control (9)
- 5 VOLUME control and indicator (9)
- 6 FLAT button (39)
- 7 Function selectors and indicators
- 8 CD DIRECT button and indicator (9)
- 9 PROGRAM FUNCTION button and indicator (64)
- 10 SURROUND MODE and
- 11 SURROUND LEVEL buttons (35)
- 12 MEMORY button and indicator (38)
- 13 EQ button and indicator (37)
- 14 PERSONAL FILE 1 - 5 button and indicator (38)
- 15 SELECT 10 button and indicator (36)
- 16 REVERSE button (39)
- 17 CURSOR CONTROL buttons (36, 37, 38)
- 18 DISPLAY button (39)
- 19 Display window
- 20 VOCAL REDUCTION button
- 21 MIC (microphone) LEVEL control (32)
- 22 MIC (microphone) jack (32)
- 23 HEADPHONES jack
- 24 BASS SYNTHESIZER button and indicator (9)

## **SECTION 2 DIAGRAMS**

## 2-1. CIRCUIT BOARDS LOCATION



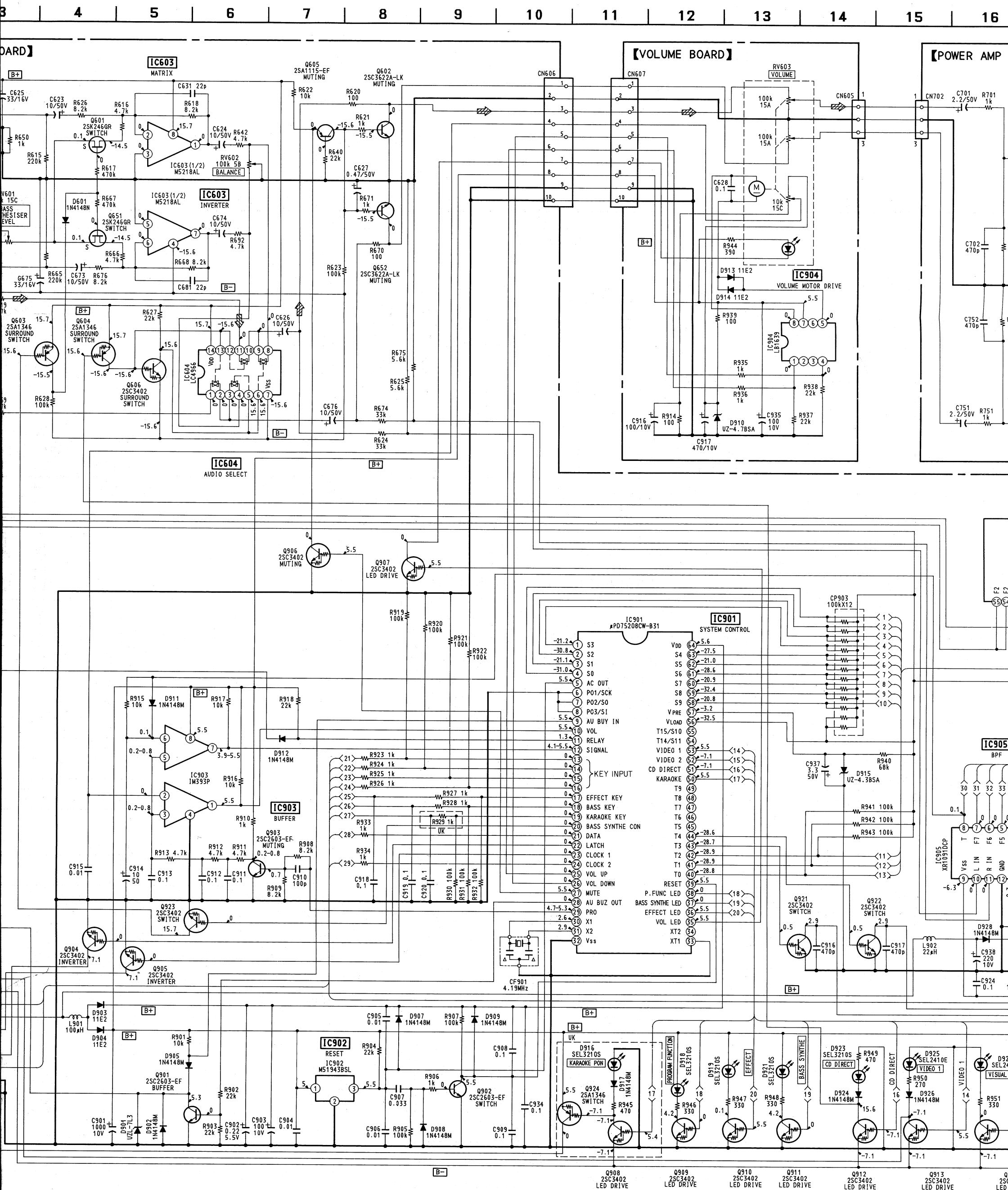
## 2-2. SCHEMATIC DIAGRAMS – PANEL Section –

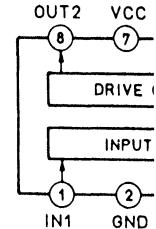


## Note:

- All capacitors are in  $\mu$ F unless otherwise noted. pF:  $\mu\mu$ F 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $1/4$ W or less unless otherwise specified.
- $\triangle$ : internal component.
- $\text{---}$ : nonflammable resistor.
- $\text{---}$ : fusible resistor.
- $\text{---}$ : printed resistor.
- $\square$ : B+ Line
- $\square$ : B- Line
- $\square$ : adjustment for repair.
- \*: selected to yield optimum performance.
- AC voltage readings in the bias oscillator with a VTV.
- Total current is measured with no cassette installed.
- Power voltage is dc V and fed with regulated dc power supply from external power voltage jack.

- Voltage and waveforms are under no-signal (detuned) condition.
- Voltages are taken with a VTV. Voltage variations may be within tolerances.
- Circled numbers refer to waveforms.
- Signal path.
- $\text{---}$ : CD

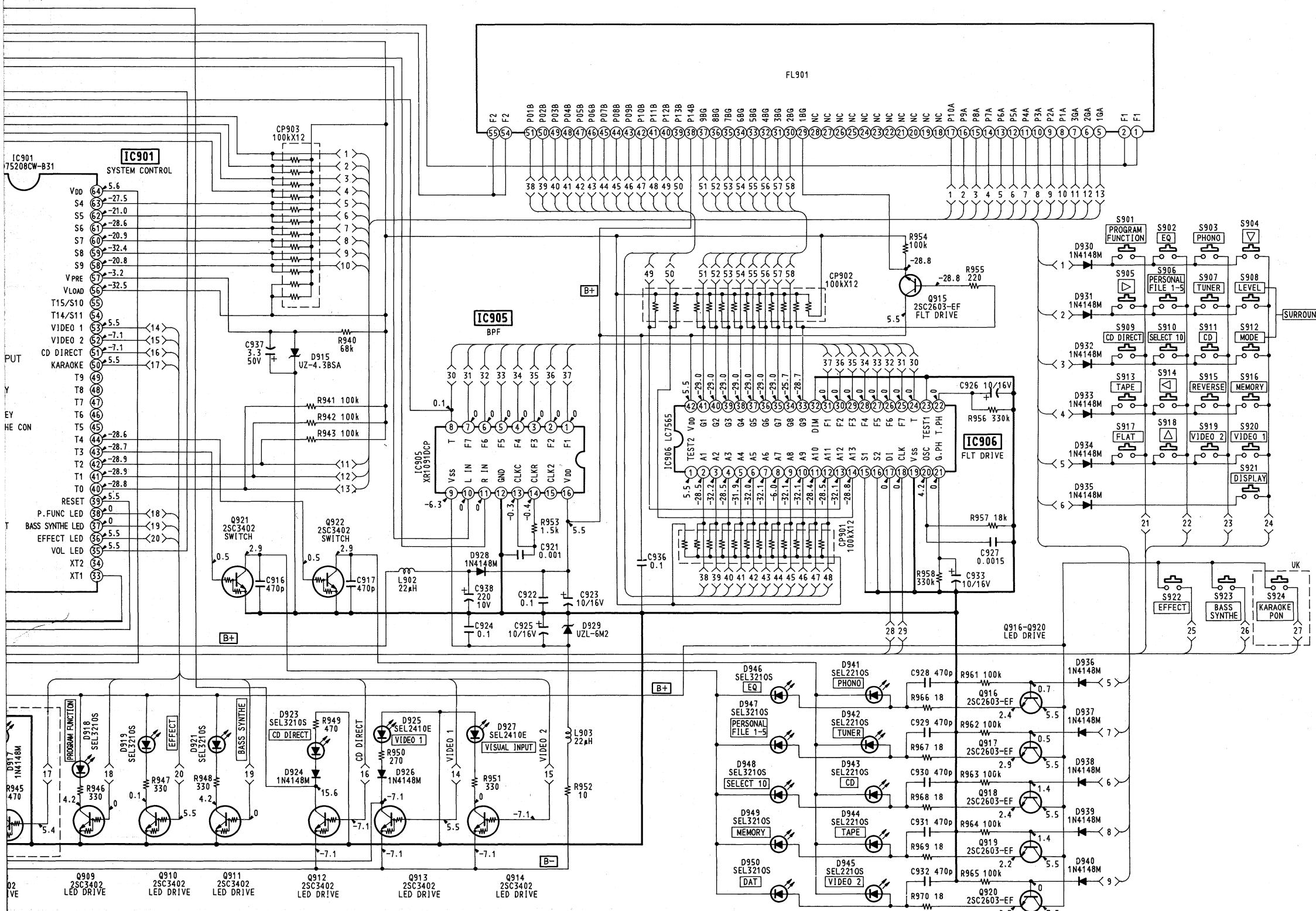
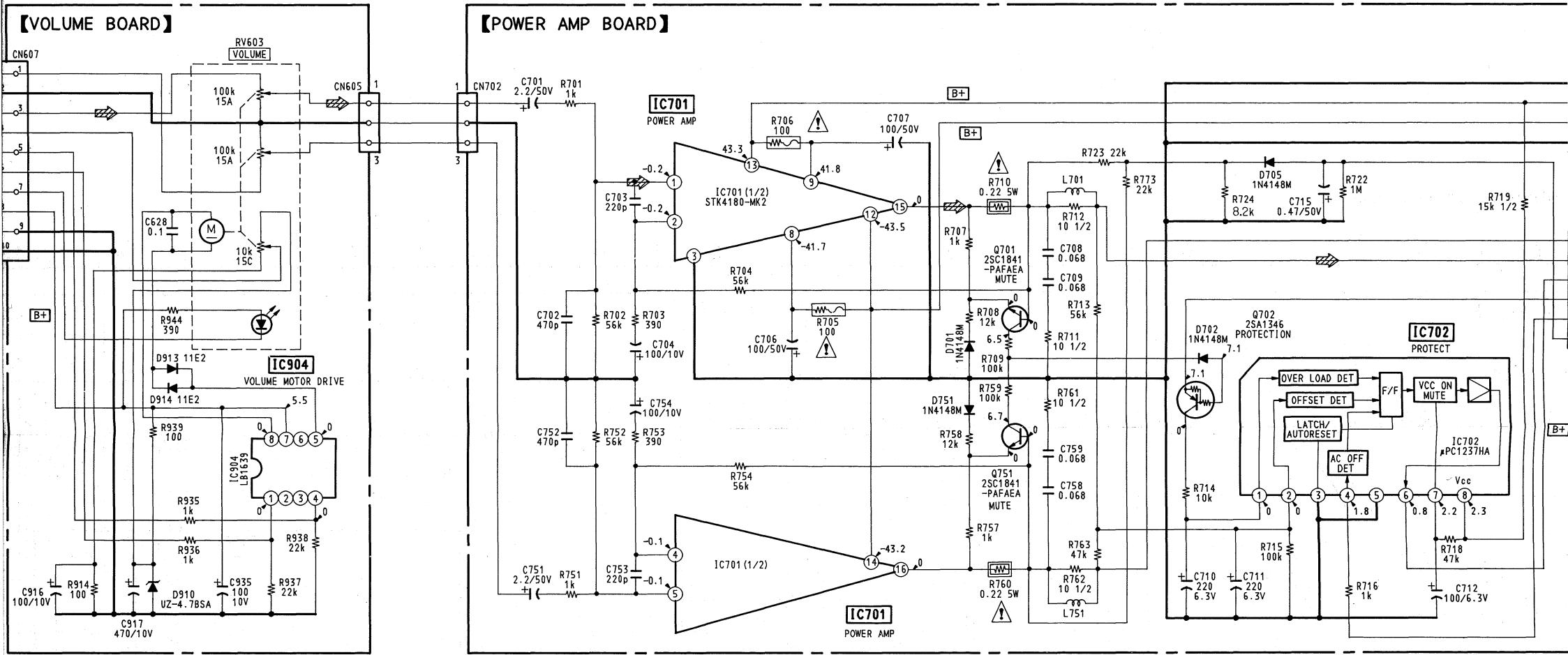




: B+ Line  
 : B- Line  
 : adjustment for repair.  
 : selected to yield optimum performance.  
 voltage readings in the bias oscillator with a VTVM.  
 current is measured with no cassette installed.  
 er voltage is dc V and fed with regulated dc power  
 ly from external power voltage jack.

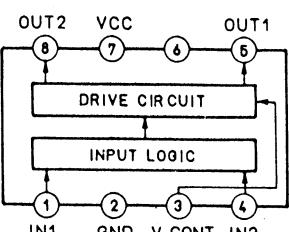
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
- Voltages are taken with a VOM (Input Impedance 10M  $\Omega$ ). Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.  
 ↗ : CD

12 13 14 15 16 17 18 19 20 21 22 23 24

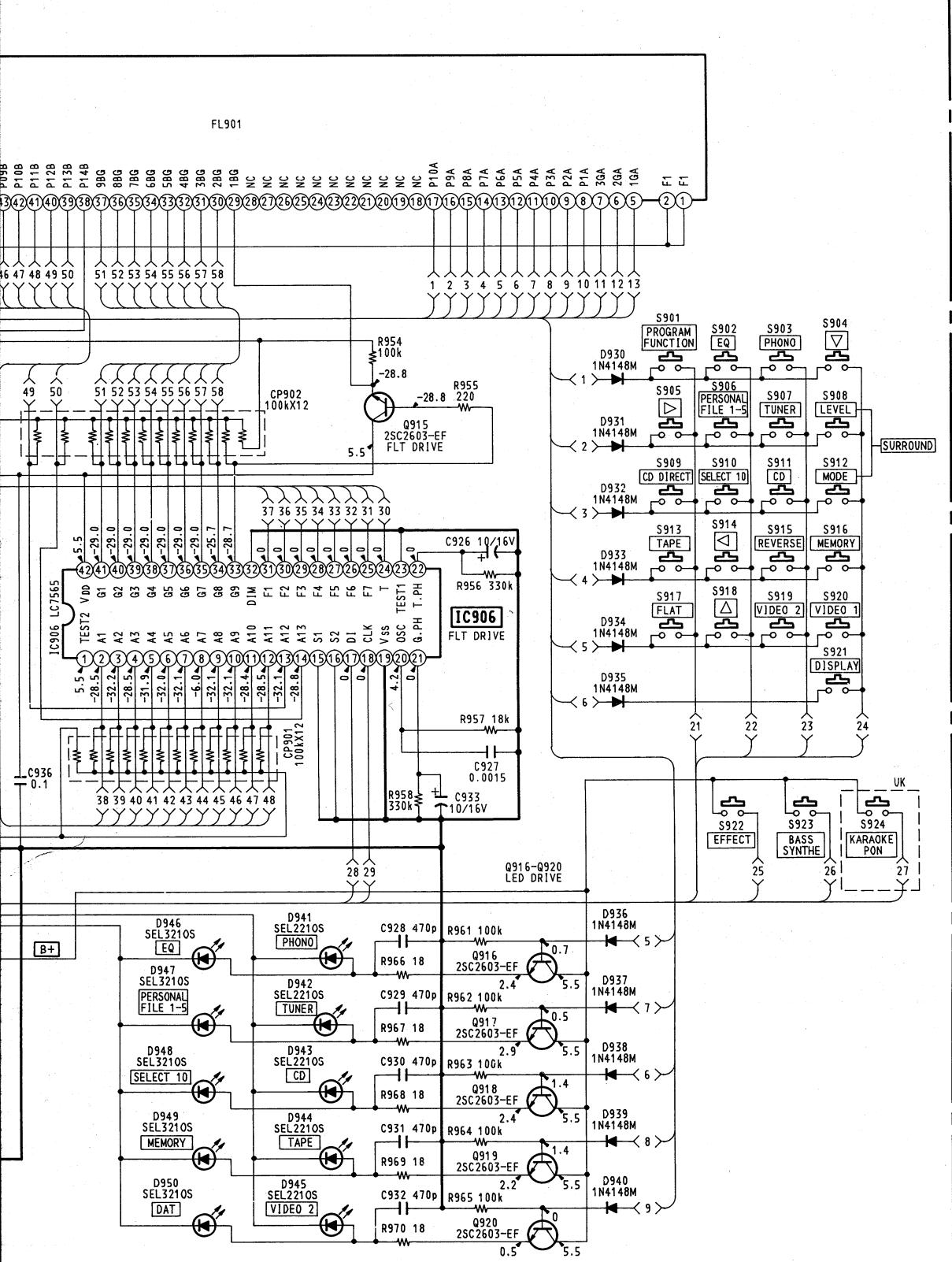
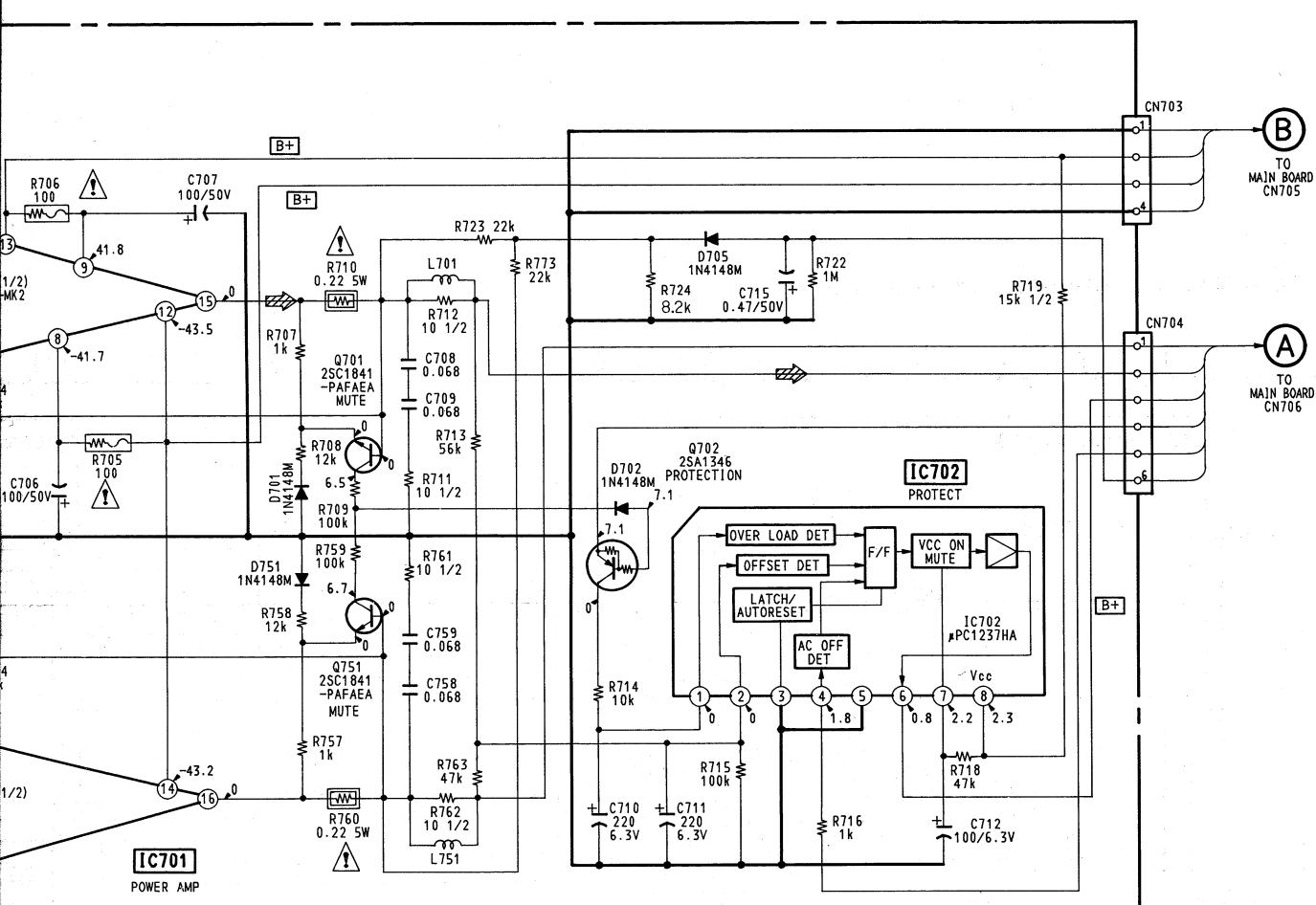


• IC Block Diagrams

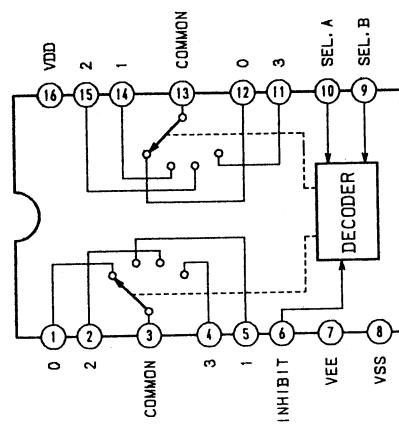
IC904 LB1639



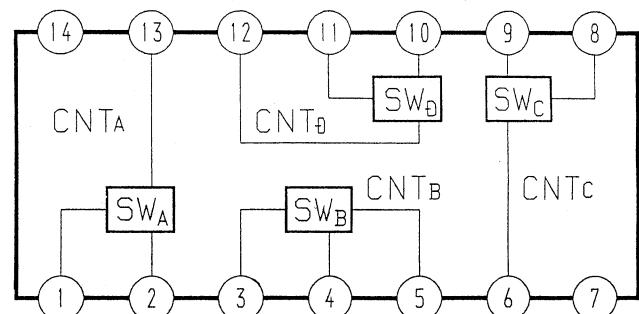
18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26



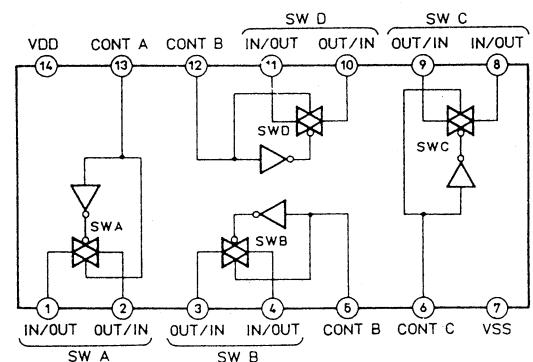
IC102 MC14052BCP



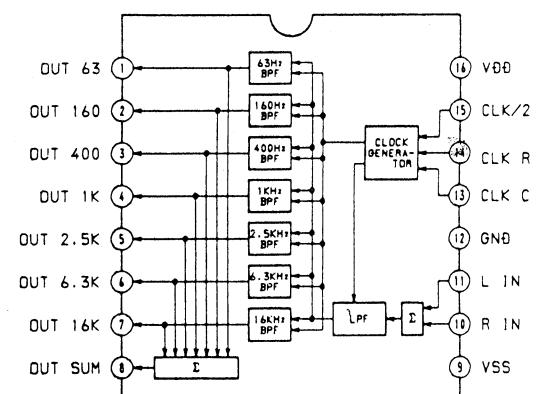
IC103 μ MC14066BCP



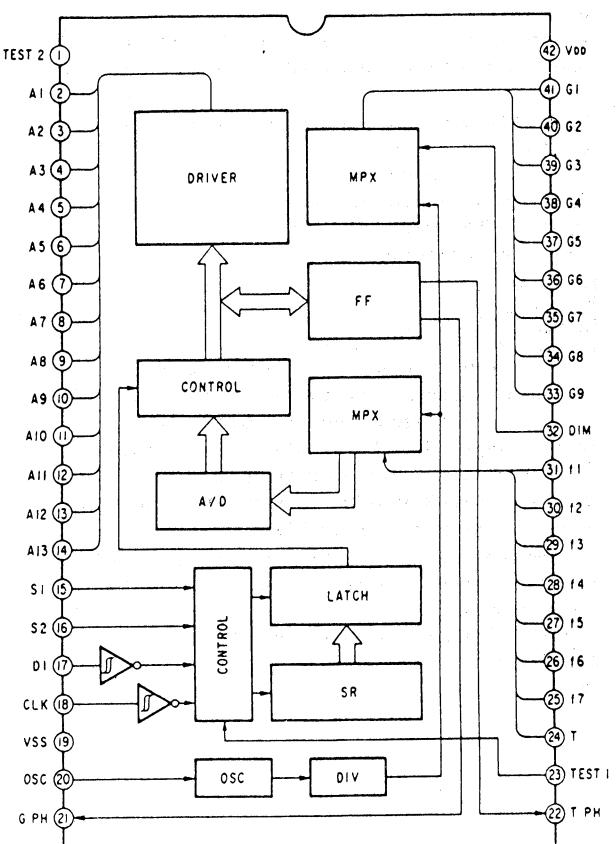
IC604 LC4966



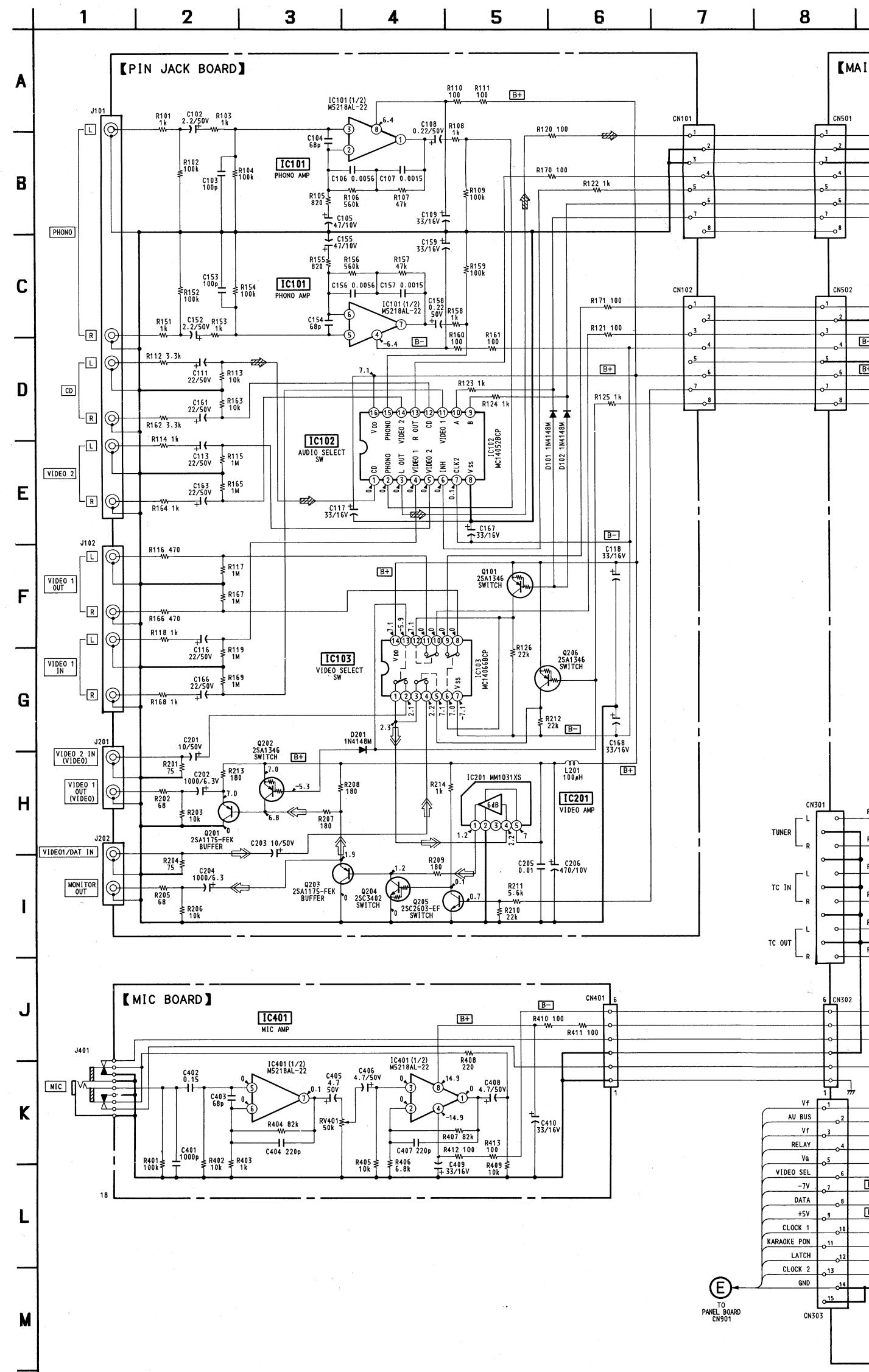
IC905 XR1091DCP

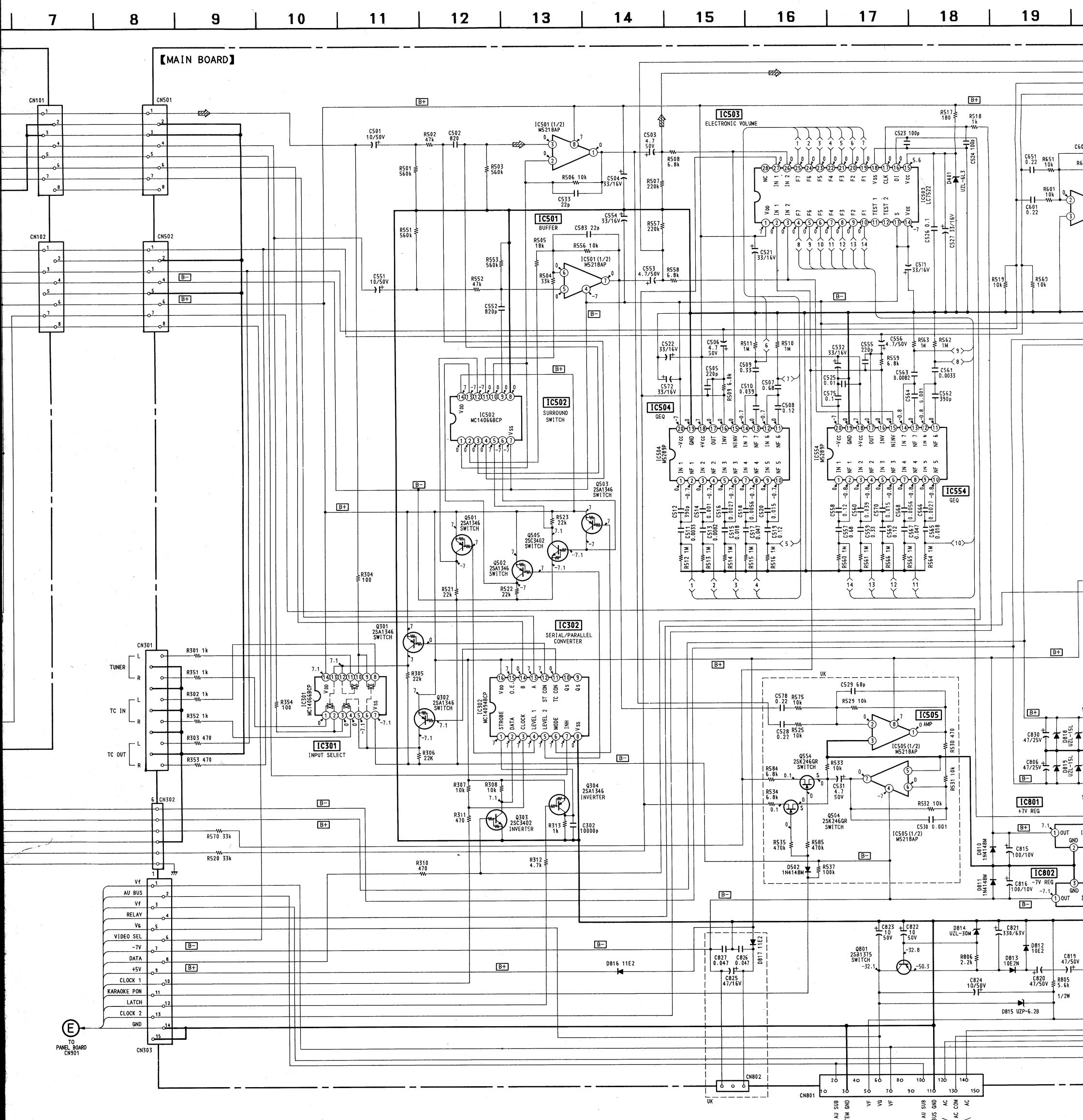


IC906 LC7565K



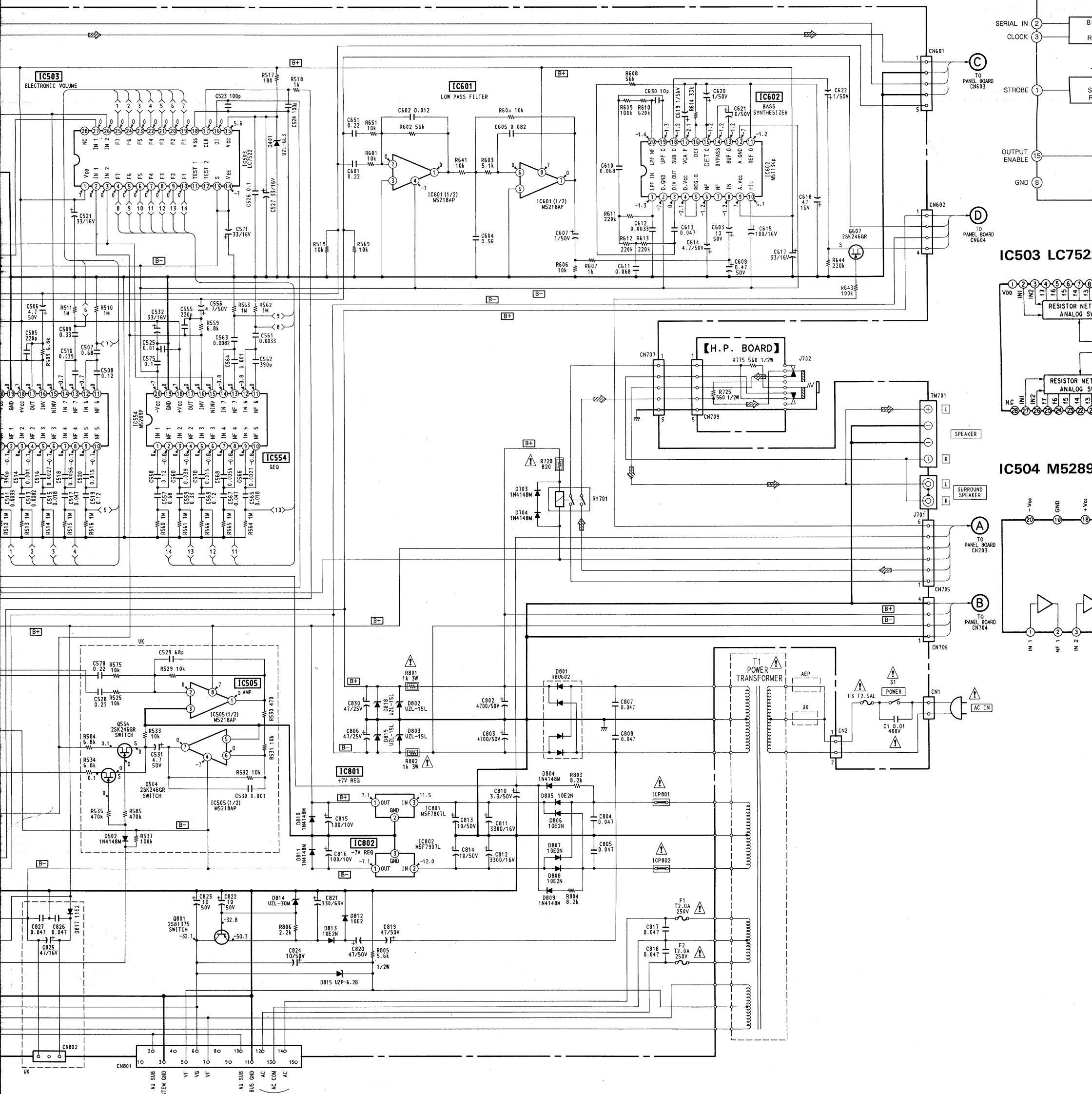
### 2-3. SCHEMATIC DIAGRAMS - MAIN Section -





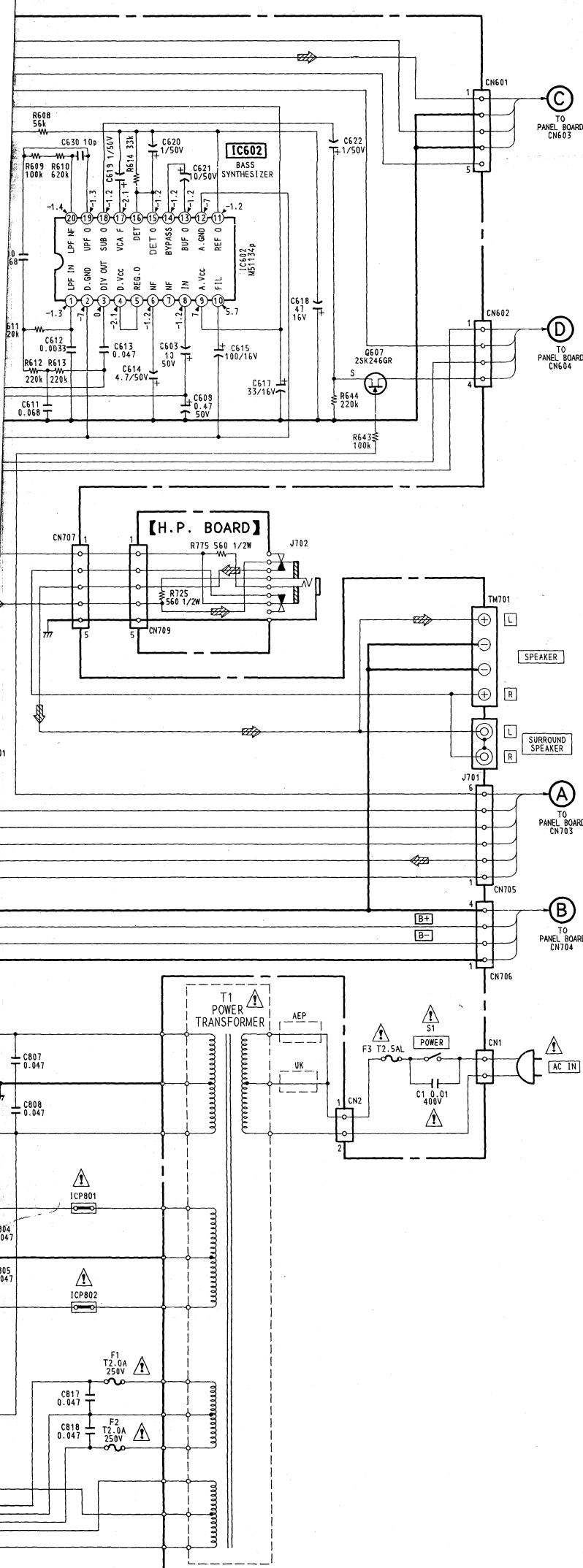
### ● IC Block Diagram

15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | IC302 MC140

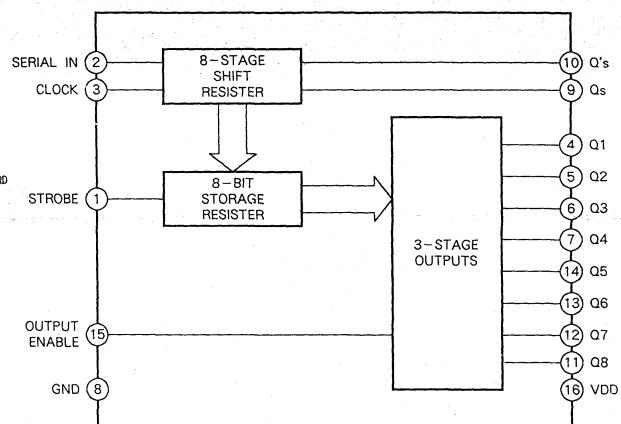


● IC Block Diagrams

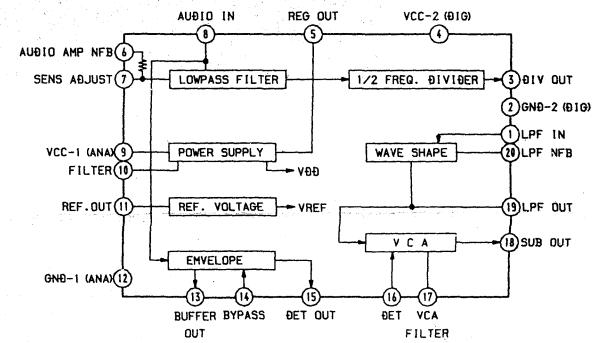
23 24 25 26



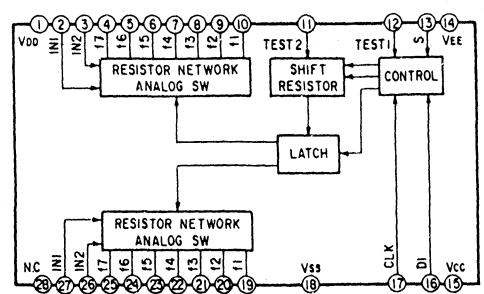
IC302 MC14094BCP



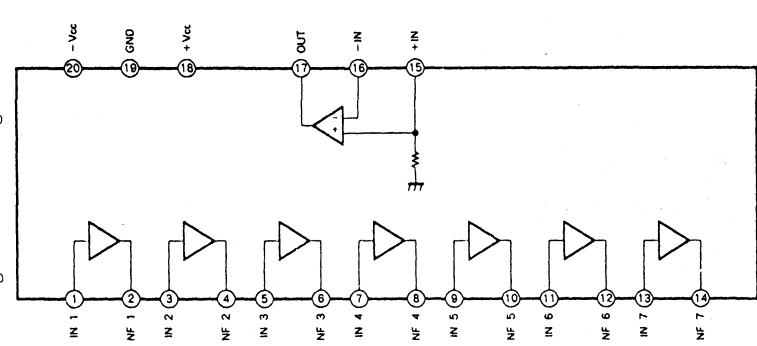
IC602 M51134P



IC503 LC7522K



IC504 M5289P



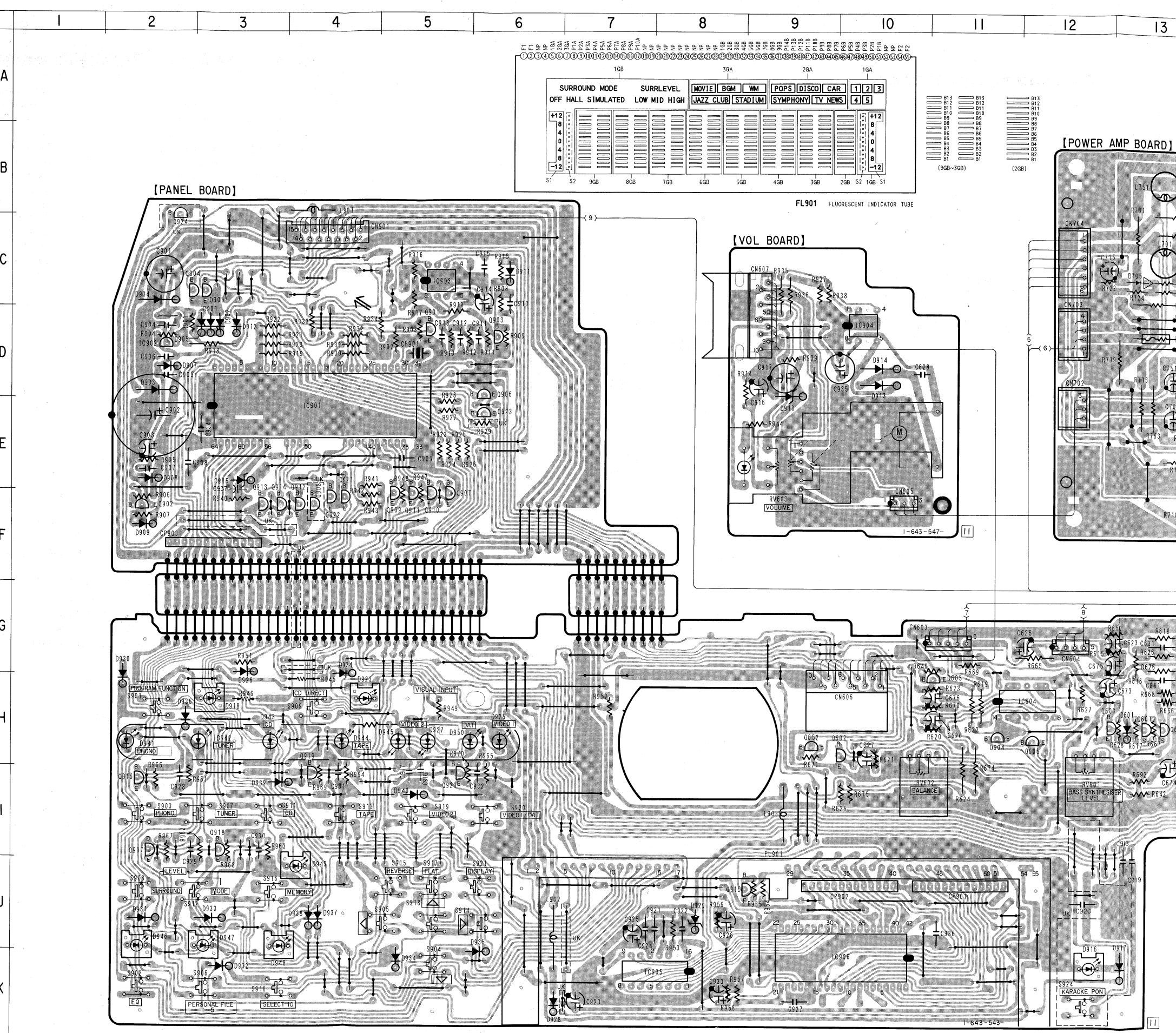
● Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D101	F-32	D928	K-6	Q206	E-33
D102	F-32	D929	J-8	Q301	D-20
D201	D-32	D930	G-2	Q302	C-20
D401	F-20	D931	J-2	Q303	F-20
D502	J-18	D932	K-3	Q304	F-20
D601	H-13	D933	J-3	Q501	D-17
D701	E-15	D934	J-5	Q502	D-17
D702	E-14	D935	K-5	Q503	D-18
D703	B-21	D936	H-2	Q504	H-17
D704	B-21	D937	J-4	Q505	D-16
D705	C-13	D938	J-4	Q554	H-17
D751	E-15	D939	I-3	Q601	H-13
D801	H-28	D940	I-5	Q602	H-10
D802	J-20	D941	H-2	Q603	H-11
D803	J-19	D942	H-3	Q604	H-11
D804	H-26	D943	H-3	Q605	G-11
D805	H-26	D944	H-4	Q606	H-11
D806	H-27	D945	H-5	Q607	J-18
D807	H-26	D946	J-2	Q651	H-13
D808	H-26	D947	J-3	Q652	H-9
D809	H-26	D948	J-3	Q701	E-15
D810	J-17	D949	J-4	Q702	E-14
D811	J-17	D950	H-5	Q751	F-15
D812	H-29			Q801	J-28
D813	H-29	IC101	J-33	Q901	D-5
D814	J-28	IC102	J-31	Q902	F-2
D815	J-27	IC103	E-32	Q903	D-6
D816	J-18	IC201	D-33	Q904	C-2
D817	C-21	IC301	C-19	Q905	C-3
D818	J-20	IC302	E-20	Q906	D-6
D819	J-20	IC401	E-23	Q907	E-5
D901	D-3	IC501	F-17	Q908	F-4
D902	D-3	IC502	E-17	Q909	E-5
D903	D-2	IC503	F-19	Q910	E-5
D904	C-2	IC504	G-19	Q911	E-5
D905	D-3	IC505	G-17	Q912	F-4
		IC554	E-19	Q913	F-3
D907	D-2	IC601	H-18	Q914	F-3
D908	E-2	IC602	I-19	Q915	J-8
D909	D-2	IC603	H-13	Q916	I-2
D910	D-9	IC604	H-12	Q917	I-2
D911	C-6	IC701	C-15	Q918	I-3
D912	D-3	IC702	E-14	Q919	I-4
D913	D-10	IC801	J-17	Q920	J-5
D914	D-10	IC802	J-17	Q921	F-4
D915	E-5	IC901	D-4	Q922	F-4
D916	K-12	IC902	D-2	Q923	E-6
D917	K-13	IC903	C-5	Q924	B-2
D918	H-3	IC904	C-9		
D919	H-15	IC905	K-8		
D921	I-15	IC906	J-10		
D923	H-4	Q101	E-32		
D924	G-4	Q201	D-33		
D925	H-6	Q202	D-33		
D926	G-3	Q203	D-33		
D927	H-5	Q204	D-33		
		Q205	D-33		

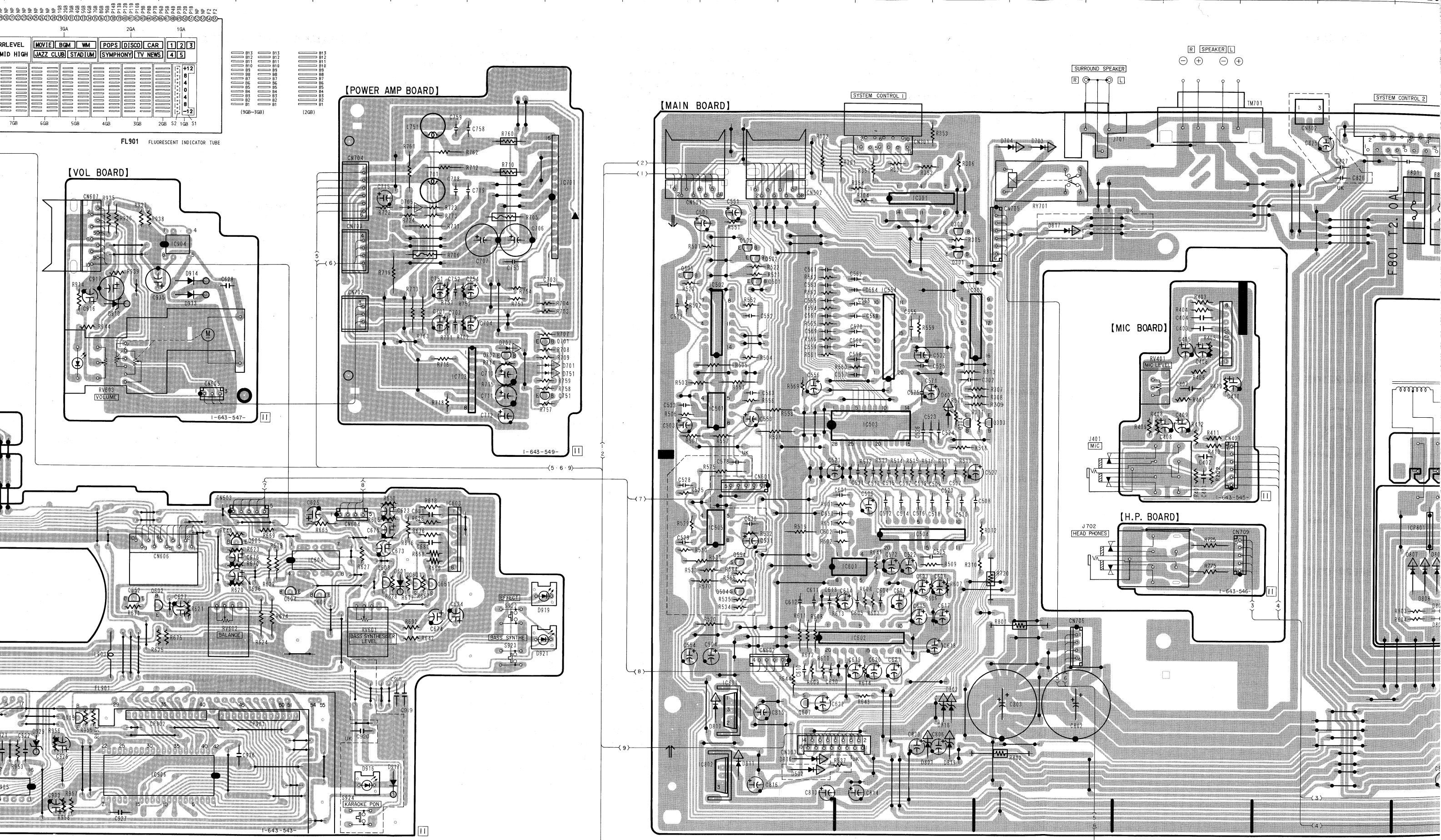
2-4. PRINTED WIRING BOARDS

• See page 3 for Circuit boards location.

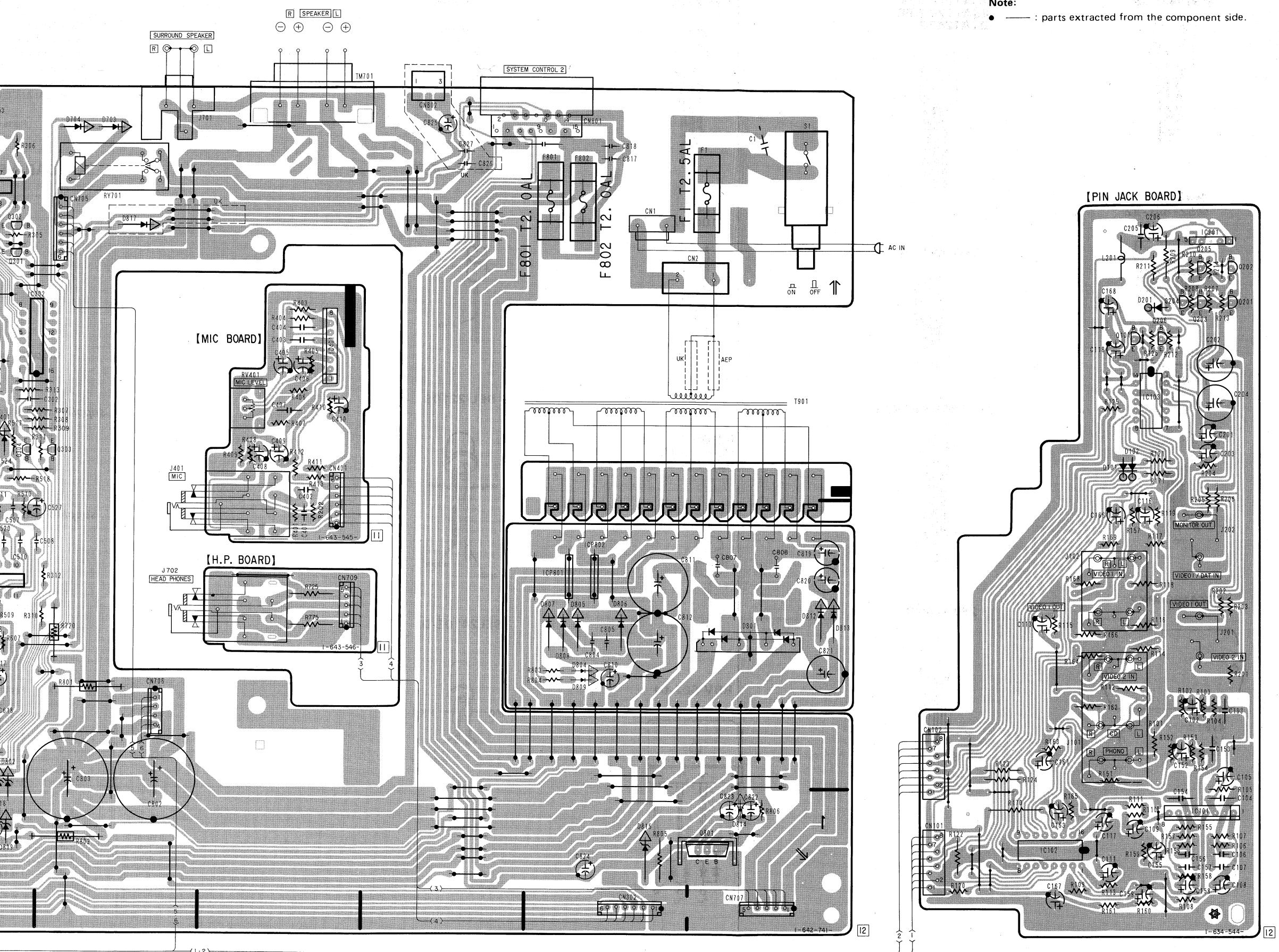
• See page 18 for Semiconductor lead layouts.



8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

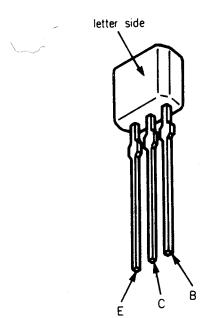


20 21 22 23 24 25 26 27 28 29 30 31 32 33

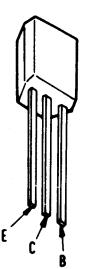


## 2-5. SEMICONDUCTOR LEAD LAYOUTS

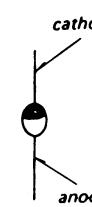
M51943BSL

2SA1175-FEK  
2SA1175-HFE  
DTA124ES

DTC114ES



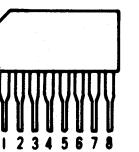
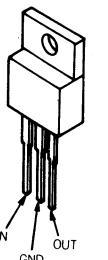
UZ-4.3BSA



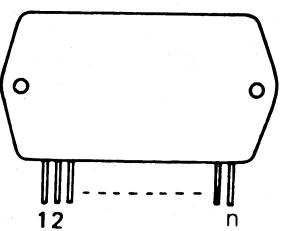
## NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts Example: KNOB, BALANCE(WHITE)...(RED)

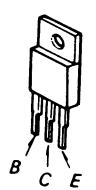
Parts color Cabinet's color

M5218AL  
M5218AL-22M5F7807  
M5F7907

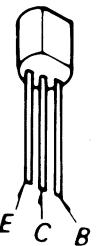
STK4180-MK2



2SB1094-LK



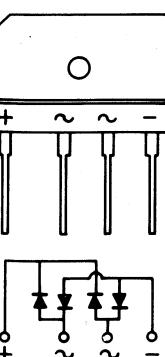
2SC1841-PAFAEA

H2S30-2L  
UZ-4.7BSA  
UZL-15L

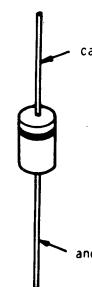
2SK246GR



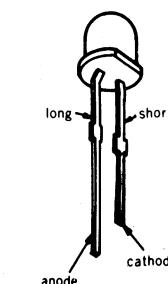
RBV-602-01



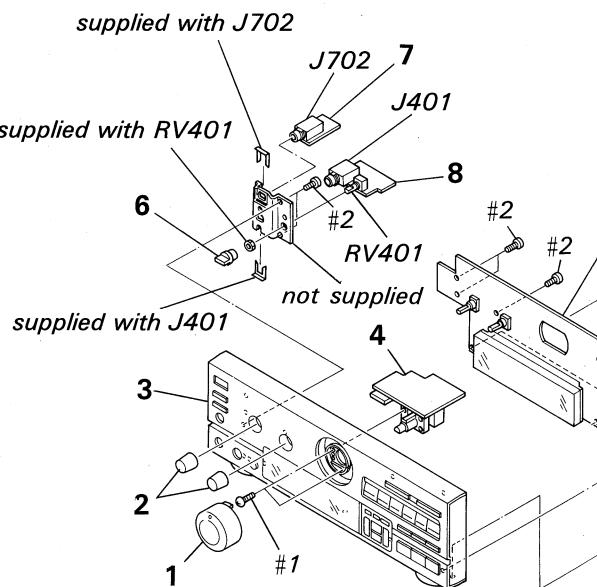
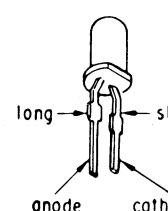
UZP-6.2B-TP



SEL-2210S



SEL2410E-D



Ref. No.	Part No.	Description
1	X-4942-418-1	KNOB ASSY, ROUND
2	4-950-651-11	KNOB (DIA. 16), ROUND
3	X-4942-414-1	PANEL ASSY, FRONT (AEP)
3	X-4942-421-1	PANEL ASSY, FRONT (UK)
* 4	1-643-547-11	VOL BOARD
* 5	A-4347-262-A	PANEL BOARD, COMPLETE (UK)
* 5	A-4347-263-A	PANEL BOARD, COMPLETE (AEP)
6	4-950-652-11	KNOB (DIA. 12), ROUND
* 7	1-643-546-11	H. P. BOARD
* 8	1-643-545-11	MIC BOARD

### SECTION 3 EXPLODED VIEWS

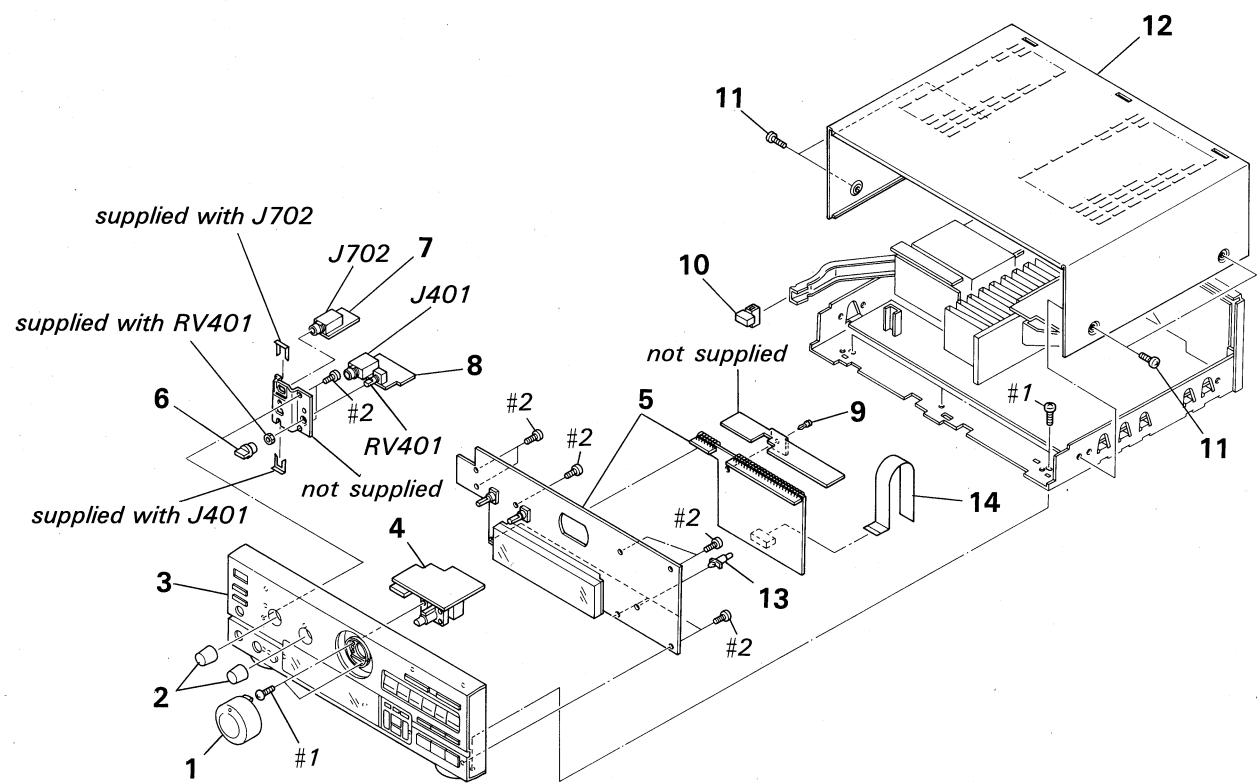
#### NOTE:

- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts Example:  
KNOB, BALANCE(WHITE)...(RED)  
↑      ↑  
Parts color   Cabinet's color

- Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- hardware (#mark) list is given in the last of this parts list.

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

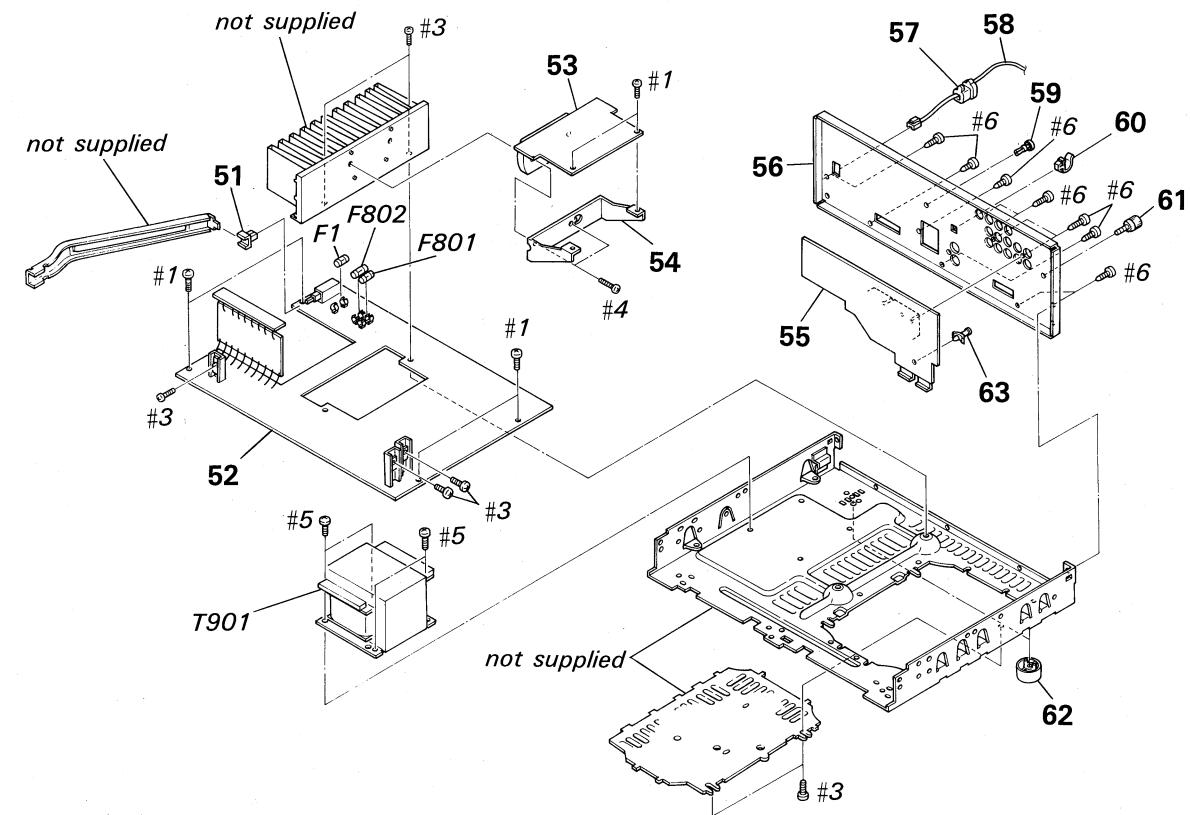
#### 3-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark
1	X-4942-418-1	KNOB ASSY, ROUND	
2	4-950-651-11	KNOB (DIA. 16), ROUND	
3	X-4942-414-1	PANEL ASSY, FRONT (AEP)	
3	X-4942-421-1	PANEL ASSY, FRONT (UK)	
* 4	1-643-547-11	VOL BOARD	
* 5	A-4347-262-A	PANEL BOARD, COMPLETE (UK)	
* 5	A-4347-263-A	PANEL BOARD, COMPLETE (AEP)	
6	4-950-652-11	KNOB (DIA. 12), ROUND	
* 7	1-643-546-11	H. P. BOARD	
* 8	1-643-545-11	MIC BOARD	

Ref. No.	Part No.	Description	Remark
9	4-812-134-11	RIVET NYLON, 3.5	
10	4-942-061-11	BUTTON (P)	
11	3-363-099-01	SCREW (CASE +3X8 TP2)	
* 12	4-949-912-11	CASE	
* 13	4-924-098-31	HOLDER, PC BOARD	
14	1-690-095-11	WIRE, FLAT TYPE (15 CORE)	
J401	1-507-854-00	JACK, PHONE (MIC)	
J702	1-507-854-00	JACK, PHONE (HEADPHONE)	
RV401	1-241-317-11	RES, VAR, CARBON 50K (MIC LEVEL)	

#### 3-2. MAIN BOARD SECTION



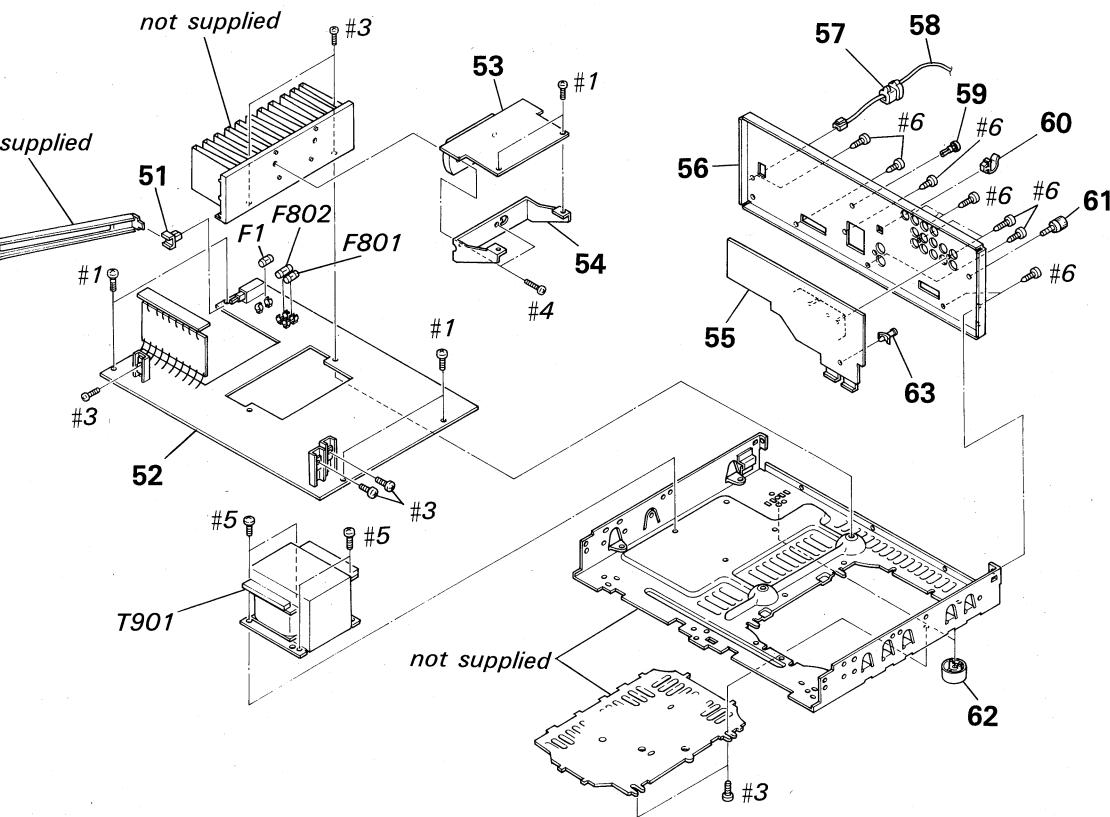
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	4-866-342-00	JOINT (B), KNOB		58	1-575-669-21	CORD, POWER (UK)	
* 52	A-4347-253-A	MAIN BOARD, COMPLETE (AEP)		* 59	4-912-181-21	SUPPORT, PC	
* 52	A-4347-254-A	MAIN BOARD, COMPLETE (UK)		* 60	4-949-235-01	HOOK	
* 53	A-4347-259-A	POWER AMP BOARD, COMPLETE		61	4-947-010-01	SCREW, FEEDER FIXED	
* 54	4-943-903-01	BRACKET		62	4-931-169-01	FOOT	
* 55	A-4347-264-A	PIN JACK BOARD, COMPLETE		* 63	3-349-025-31	HOLDER, PC BOARD	
* 56	4-950-653-01	PANEL (B3120), BACK (AEP)		* F1	1-532-286-00	FUSE (T1.6A)	
* 56	4-950-653-21	PANEL (B3120), BACK (UK)		* F801	1-532-203-00	FUSE (T2.0A)	
* 57	3-703-244-00	BUSHING (2104), CORD		* F802	1-532-203-00	FUSE (T2.0A)	
* 58	1-575-654-11	CORD, POWER (AEP)		* T901	1-450-872-11	TRANSFORMER, POWER	

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

## SECTION 4 ELECTRICAL PARTS LIST

### H. P. MAIN POWER AMP

#### BOARD SECTION



Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
66-342-00	JOINT (B), KNOB		58	1-575-669-21	CORD, POWER (UK)	
347-253-A	MAIN BOARD, COMPLETE (AEP)		* 59	4-912-181-21	SUPPORT, PC	
347-254-A	MAIN BOARD, COMPLETE (UK)		* 60	4-949-235-01	HOOK	
347-259-A	POWER AMP BOARD, COMPLETE		61	4-947-010-01	SCREW, FEEDER FIXED	
43-903-01	BRACKET		62	4-931-169-01	FOOT	
347-264-A	PIN JACK BOARD, COMPLETE		* 63	3-349-025-31	HOLDER, PC BOARD	
50-653-01	PANEL (B3120), BACK (AEP)		△ F1	1-532-286-00	FUSE (T1.6A)	
50-653-21	PANEL (B3120), BACK (UK)		△ F801	1-532-203-00	FUSE (T2.0A)	
33-244-00	BUSHING (2104), CORD		△ F802	1-532-203-00	FUSE (T2.0A)	
75-654-11	CORD, POWER (AEP)		△ T901	1-450-872-11	TRANSFORMER, POWER	

The components identified by mark **△** or dotted line with mark **△** are critical for safety. Replace only with part number specified.

#### NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- RESISTORS  
All resistors are in ohms  
METAL: Metal-film resistor  
METAL OXIDE: Metal Oxide-film resistor  
F: nonflammable

- Items marked " \* " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- SEMICONDUCTORS  
In each case,  $u\mu$  , for example:  
 $uA$ ...  $\mu A$ ...  $uPA$ ...  $\mu PA$ ...  
 $uPB$ ...  $\mu PB$ ...  $uPC$ ...  $\mu PC$ ...  
 $uPD$ ...  $\mu PD$ ...

- CAPACITORS  
 $uF$ ...  $\mu F$
- COILS  
 $uH$ ...  $\mu H$

When indication parts by reference number, please include the board name.

The components identified by mark **△** or dotted line with mark **△** are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
*	1-643-546-11	H. P. BOARD	*****	C512	1-164-080-11	CERAMIC	390PF 10% 50V
				C513	1-130-482-00	MYLAR	0.0082uF 5% 50V
				C514	1-106-343-00	MYLAR	1000PF 5% 200V
				C515	1-136-156-00	FILM	0.018uF 5% 50V
				C516	1-106-353-00	MYLAR	0.0027uF 5% 50V
				C517	1-136-161-00	FILM	0.047uF 5% 50V
				C518	1-130-480-00	MYLAR	0.0056uF 5% 50V
				C519	1-136-166-00	FILM	0.12uF 5% 50V
				C520	1-136-155-00	FILM	0.015uF 5% 50V
				C521	1-124-034-51	ELECT	33uF 20% 16V
				C522	1-124-034-51	ELECT	33uF 20% 16V
				C523	1-162-282-31	CERAMIC	100PF 10% 50V
				C524	1-162-282-31	CERAMIC	100PF 10% 50V
				C525	1-130-483-00	MYLAR	0.01uF 5% 50V
				C526	1-164-159-11	CERAMIC	0.1uF 50V
				C527	1-124-034-51	ELECT	33uF 20% 16V
				C528	1-136-169-00	FILM	0.22uF 5% 50V (UK)
				C529	1-164-066-11	CERAMIC	68PF 5% 50V (UK)
				C530	1-106-343-00	MYLAR	0.001uF 5% 50V (UK)
				C531	1-126-163-11	ELECT	4.7uF 20% 50V (UK)
				C532	1-124-034-51	ELECT	33uF 20% 16V
				C533	1-164-054-11	CERAMIC	22PF 5% 50V
				C551	1-126-059-11	ELECT	10uF 20% 50V
				C552	1-130-470-00	MYLAR	820PF 5% 50V
				C553	1-126-163-11	ELECT	4.7uF 20% 50V
				C554	1-124-034-51	ELECT	33uF 20% 16V
				C555	1-162-286-31	CERAMIC	220PF 10% 50V
				C556	1-126-163-11	ELECT	4.7uF 20% 50V
				C557	1-136-175-00	FILM	0.68uF 5% 50V
				C558	1-136-166-00	FILM	0.12uF 5% 50V
				C559	1-136-171-00	FILM	0.33uF 5% 50V
				C560	1-136-160-00	FILM	0.039uF 5% 50V
				C561	1-130-477-00	MYLAR	0.0033uF 5% 50V
				C562	1-164-080-11	CERAMIC	390PF 10% 50V
				C563	1-130-482-00	MYLAR	0.0082uF 5% 50V
				C564	1-106-343-00	MYLAR	1000PF 5% 200V
				C565	1-136-156-00	FILM	0.018uF 5% 50V
				C566	1-106-353-00	MYLAR	0.0027uF 5% 50V
				C567	1-136-161-00	FILM	0.047uF 5% 50V

## MAIN POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark				
C568	1-130-480-00	MYLAR	0.0056uF 5% 50V	C802	1-126-138-11	ELECT	4700uF 20% 50V				
C569	1-136-166-00	FILM	0.12uF 5% 50V	C803	1-126-138-11	ELECT	4700uF 20% 50V				
C570	1-136-155-00	FILM	0.015uF 5% 50V	C804	1-161-021-11	CERAMIC	0.047uF 10% 25V				
C571	1-124-034-51	ELECT	33uF 20% 16V	C805	1-161-021-11	CERAMIC	0.047uF 10% 25V				
C572	1-124-034-51	ELECT	33uF 20% 16V	C806	1-124-910-11	ELECT	47uF 20% 50V				
C575	1-164-159-11	CERAMIC	0.1uF 50V	C810	1-126-162-11	ELECT	3.3uF 20% 50V				
C578	1-136-169-00	FILM	0.22uF 5% 50V (UK)	C811	1-124-887-00	ELECT	3300uF 20% 16V				
C583	1-164-054-11	CERAMIC	22PF 5% 50V	C812	1-124-887-00	ELECT	3300uF 20% 16V				
C601	1-136-169-00	FILM	0.22uF 5% 50V	C813	1-126-059-11	ELECT	10uF 20% 50V				
C602	1-136-154-00	FILM	0.012uF 5% 50V	C814	1-126-059-11	ELECT	10uF 20% 50V				
C603	1-126-059-11	ELECT	10uF 20% 50V	C815	1-124-994-11	ELECT	100uF 20% 10V				
C604	1-136-174-00	FILM	0.56uF 5% 50V	C816	1-124-994-11	ELECT	100uF 20% 10V				
C605	1-136-164-00	FILM	0.082uF 5% 50V	C817	1-161-021-11	CERAMIC	0.047uF 10% 25V				
C607	1-126-301-11	ELECT	1uF 20% 50V	C818	1-161-021-11	CERAMIC	0.047uF 10% 25V				
C608	1-126-300-11	ELECT	0.47uF 20% 50V	C819	1-124-910-11	ELECT	47uF 20% 50V				
C610	1-136-163-00	FILM	0.068uF 5% 50V	C820	1-124-910-11	ELECT	47uF 20% 50V				
C611	1-136-163-00	FILM	0.068uF 5% 50V	C821	1-124-920-11	ELECT	330uF 20% 63V				
C612	1-130-477-00	MYLAR	0.0033uF 5% 50V	C822	1-126-059-11	ELECT	10uF 20% 50V				
C613	1-136-161-00	FILM	0.047uF 5% 50V	C823	1-126-059-11	ELECT	10uF 20% 50V				
C614	1-126-163-11	ELECT	4.7uF 20% 50V	C824	1-126-059-11	ELECT	10uF 20% 50V				
C615	1-126-023-11	ELECT	100uF 20% 16V	C825	1-126-022-11	ELECT	47uF 20% 16V (UK)				
C617	1-124-034-51	ELECT	33uF 20% 16V	C826	1-161-021-11	CERAMIC	0.047uF 10% 25V (UK)				
C618	1-126-022-11	ELECT	47uF 20% 16V	C827	1-161-021-11	CERAMIC	0.047uF 10% 25V (UK)				
C619	1-126-301-11	ELECT	1uF 20% 50V	C830	1-124-910-11	ELECT	47uF 20% 50V				
C620	1-126-301-11	ELECT	1uF 20% 50V	< CONNECTOR >							
C621	1-126-059-11	ELECT	10uF 20% 50V	* CN1	1-564-321-00	PIN, CONNECTOR 2P					
C622	1-126-301-11	ELECT	1uF 20% 50V	CN2	1-535-139-00	BASE POST 22MM (10MM PITCH) 2P					
C630	1-164-019-11	CERAMIC	10PF 0.5PF 50V	* CN301	1-566-858-41	SOCKET, CONNECTOR 11P					
C651	1-136-169-00	FILM	0.22uF 5% 50V	* CN302	1-564-509-11	PLUG, CONNECTOR 6P					
C701	1-126-161-11	ELECT	2.2uF 20% 50V	* CN303	1-568-834-11	SOCKET, CONNECTOR 15P					
C702	1-164-081-11	CERAMIC	470PF 10% 50V	CN501	1-568-319-11	SOCKET, CONNECTOR 8P					
C703	1-162-286-31	CERAMIC	220PF 10% 50V	CN502	1-568-319-11	SOCKET, CONNECTOR 8P					
C704	1-124-994-11	ELECT	100uF 20% 10V	* CN601	1-564-508-11	PLUG, CONNECTOR 5P					
C706	1-124-122-11	ELECT	100uF 20% 50V	* CN602	1-564-507-11	PLUG, CONNECTOR 4P					
C707	1-124-122-11	ELECT	100uF 20% 50V	* CN702	1-564-518-11	PLUG, CONNECTOR 3P					
C708	1-136-163-00	FILM	0.068uF 5% 50V	* CN703	1-564-519-11	PLUG, CONNECTOR 4P					
C709	1-136-163-00	FILM	0.068uF 5% 50V	* CN704	1-564-521-11	PLUG, CONNECTOR 6P					
C710	1-124-587-11	ELECT	220uF 20% 6.3V	* CN705	1-564-509-11	PLUG, CONNECTOR 6P					
C711	1-124-587-11	ELECT	220uF 20% 6.3V	* CN706	1-564-507-11	PLUG, CONNECTOR 4P					
C712	1-124-443-00	ELECT	100uF 20% 10V	* CN707	1-564-508-11	PLUG, CONNECTOR 5P					
C715	1-126-300-11	ELECT	0.47uF 20% 50V	* CN801	1-566-859-11	SOCKET, CONNECTOR 15P					
C751	1-126-161-11	ELECT	2.2uF 20% 50V	* CN802	1-564-358-00	PIN, CONNECTOR 3P (UK)					
C752	1-164-081-11	CERAMIC	470PF 10% 50V	< DIODE >							
C753	1-162-286-31	CERAMIC	220PF 10% 50V	D401	8-719-000-54	DIODE UZL-6L3					
C754	1-124-994-11	ELECT	100uF 20% 10V	D502	8-719-987-63	DIODE 1N4148M (UK)					
C758	1-136-163-00	FILM	0.068uF 5% 50V	D701	8-719-987-63	DIODE 1N4148M					
C759	1-136-163-00	FILM	0.068uF 5% 50V	D702	8-719-987-63	DIODE 1N4148M					
C801	1-102-394-11	CERAMIC	0.01uF 250V								

## MAIN

## POWER AMP

Ref. No.	Part No.	Description	Remark
D703	8-719-987-63	DIODE 1N4148M	
D704	8-719-987-63	DIODE 1N4148M	
D705	8-719-987-63	DIODE 1N4148M	
D751	8-719-987-63	DIODE 1N4148M	
D801	8-719-302-38	DIODE RBV-602-01	
D802	8-719-001-88	DIODE UZL-15L	
D803	8-719-001-88	DIODE UZL-15L	
D804	8-719-987-63	DIODE 1N4148M	
D805	8-719-200-77	DIODE 10E2N	
D806	8-719-200-77	DIODE 10E2N	
D807	8-719-200-77	DIODE 10E2N	
D808	8-719-200-77	DIODE 10E2N	
D809	8-719-987-63	DIODE 1N4148M	
D810	8-719-987-63	DIODE 1N4148M	
D811	8-719-987-63	DIODE 1N4148M	
D812	8-719-200-77	DIODE 10E2N	
D813	8-719-200-77	DIODE 10E2N	
D814	8-719-934-22	LED HZS30-2L	
D815	8-719-014-75	DIODE UZP-6.2B	
D816	8-719-200-02	DIODE 10E2	
D817	8-719-200-02	DIODE 10E2 (UK)	
D818	8-719-001-88	DIODE UZL-15L	
D819	8-719-001-88	DIODE UZL-15L	

## &lt; FUSE &gt;

△F1	1-532-286-00	FUSE (T2.5A) 250V
△F801	1-532-203-00	FUSE (T2.0A) 250V
△F802	1-532-203-00	FUSE (T2.0A) 250V

## &lt; IC &gt;

IC301	8-759-000-49	IC uPD4066BCP
IC302	8-759-202-61	IC TC4094BP
IC501	8-759-634-51	IC M5218AP
IC502	8-759-000-49	IC uPD4066BCP
IC503	8-759-822-26	IC LC7522K
IC504	8-759-633-78	IC M5289P
IC505	8-759-634-51	IC M5218AP (UK)
IC554	8-759-633-78	IC M5289P
IC601	8-759-634-51	IC M5218AP
IC602	8-759-043-16	IC M51134P
IC701	8-749-922-94	IC STK4180-MK2
IC702	8-759-111-68	IC uPC1237HA
IC801	8-759-604-86	IC M5F7807L
IC802	8-759-604-90	IC M5F7907L

## &lt; IC LINC &gt;

△ICP801	1-532-843-21	LINK, IC (PRF 2500)
△ICP802	1-532-843-21	LINK, IC (PRF 2500)

Ref. No.	Part No.	Description	Remark
		< JACK >	
J701	1-565-352-41	JACK, PIN 2P	
		< COIL >	
* L701	1-420-872-00	COIL, AIR CORE	
* L751	1-420-872-00	COIL, AIR CORE	
		< TRANSISTOR >	
Q301	8-729-900-63	TRANSISTOR DTA124ES	
Q302	8-729-900-63	TRANSISTOR DTA124ES	
Q303	8-729-900-80	TRANSISTOR DTC114ES	
Q304	8-729-900-63	TRANSISTOR DTA124ES	
Q501	8-729-900-63	TRANSISTOR DTA124ES	
Q502	8-729-900-63	TRANSISTOR DTA124ES	
Q503	8-729-900-63	TRANSISTOR DTA124ES	
Q504	8-729-224-62	TRANSISTOR 2SK246-GR (UK)	
Q505	8-729-900-80	TRANSISTOR DTC114ES	
Q554	8-729-224-62	TRANSISTOR 2SK246-GR (UK)	
Q607	8-729-224-62	TRANSISTOR 2SK246-GR	
Q701	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q702	8-729-900-63	TRANSISTOR DTA124ES	
Q751	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
Q801	8-729-141-83	TRANSISTOR 2SB1094-LK	

## &lt; RESISTOR &gt;

R301	1-249-417-11	CARBON 1K 5% 1/4W
R302	1-249-417-11	CARBON 1K 5% 1/4W
R303	1-249-413-11	CARBON 470 5% 1/4W
R304	1-249-405-11	CARBON 100 5% 1/4W
R305	1-249-433-11	CARBON 22K 5% 1/4W
R306	1-249-433-11	CARBON 22K 5% 1/4W
R307	1-249-429-11	CARBON 10K 5% 1/4W
R308	1-249-429-11	CARBON 10K 5% 1/4W
R310	1-249-413-11	CARBON 470 5% 1/4W
R311	1-249-413-11	CARBON 470 5% 1/4W
R312	1-249-425-11	CARBON 4.7K 5% 1/4W
R313	1-249-417-11	CARBON 1K 5% 1/4W
R351	1-249-417-11	CARBON 1K 5% 1/4W
R352	1-249-417-11	CARBON 1K 5% 1/4W
R353	1-249-413-11	CARBON 470 5% 1/4W
R354	1-249-405-11	CARBON 100 5% 1/4W
R501	1-247-897-11	CARBON 560K 5% 1/4W
R502	1-249-437-11	CARBON 47K 5% 1/4W
R503	1-247-897-11	CARBON 560K 5% 1/4W
R504	1-249-435-11	CARBON 33K 5% 1/4W
R505	1-249-432-11	CARBON 18K 5% 1/4W
R506	1-249-429-11	CARBON 10K 5% 1/4W
R507	1-247-887-00	CARBON 220K 5% 1/4W

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

## MAIN

## POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R508	1-249-427-11	CARBON	6.8K 5% 1/4W	R606	1-249-429-11	CARBON	10K 5% 1/4W
R509	1-249-427-11	CARBON	6.8K 5% 1/4W	R607	1-249-417-11	CARBON	1K 5% 1/4W
R510	1-247-903-00	CARBON	1M 5% 1/4W	R608	1-249-438-11	CARBON	56K 5% 1/4W
R511	1-247-903-00	CARBON	1M 5% 1/4W	R609	1-249-441-11	CARBON	100K 5% 1/4W
R512	1-247-903-00	CARBON	1M 5% 1/4W	R610	1-247-898-11	CARBON	620K 5% 1/4W
R513	1-247-903-00	CARBON	1M 5% 1/4W	R611	1-247-887-00	CARBON	220K 5% 1/4W
R514	1-247-903-00	CARBON	1M 5% 1/4W	R612	1-247-887-00	CARBON	220K 5% 1/4W
R515	1-247-903-00	CARBON	1M 5% 1/4W	R613	1-247-887-00	CARBON	220K 5% 1/4W
R516	1-247-903-00	CARBON	1M 5% 1/4W	R614	1-249-435-11	CARBON	33K 5% 1/4W
R517	1-249-408-11	CARBON	180 5% 1/4W	R641	1-249-429-11	CARBON	10K 5% 1/4W
R518	1-249-417-11	CARBON	1K 5% 1/4W	R643	1-249-441-11	CARBON	100K 5% 1/4W
R519	1-249-429-11	CARBON	10K 5% 1/4W	R644	1-247-887-00	CARBON	220K 5% 1/4W
R520	1-249-435-11	CARBON	33K 5% 1/4W	R651	1-249-429-11	CARBON	10K 5% 1/4W
R521	1-249-433-11	CARBON	22K 5% 1/4W	R701	1-249-417-11	CARBON	1K 5% 1/4W
R522	1-249-433-11	CARBON	22K 5% 1/4W	R702	1-249-438-11	CARBON	56K 5% 1/4W
R523	1-249-433-11	CARBON	22K 5% 1/4W	R703	1-249-412-11	CARBON	390 5% 1/4W
R525	1-249-429-11	CARBON	10K 5% 1/4W (UK)	R704	1-249-438-11	CARBON	56K 5% 1/4W
R529	1-249-429-11	CARBON	10K 5% 1/4W (UK)	▲ R705	1-212-881-11	FUSIBLE	100 5% 1/4W F
R530	1-249-413-11	CARBON	470 5% 1/4W (UK)	▲ R706	1-212-881-11	FUSIBLE	100 5% 1/4W F
R531	1-249-429-11	CARBON	10K 5% 1/4W (UK)	R707	1-249-417-11	CARBON	1K 5% 1/4W
R532	1-249-429-11	CARBON	10K 5% 1/4W (UK)	R708	1-249-430-11	CARBON	12K 5% 1/4W
R533	1-249-429-11	CARBON	10K 5% 1/4W (UK)	R709	1-249-441-11	CARBON	100K 5% 1/4W
R534	1-249-427-11	CARBON	5.8K 5% 1/4W (UK)	R710	1-217-156-00	RES, METAL PLATE	0.22
R535	1-247-895-00	CARBON	470K 5% 1/4W (UK)	R711	1-247-727-11	CARBON	10 5% 1/2W
R537	1-249-441-11	CARBON	100K 5% 1/4W (UK)	R712	1-247-727-11	CARBON	10 5% 1/2W
R551	1-247-897-11	CARBON	560K 5% 1/4W	R713	1-249-438-11	CARBON	56K 5% 1/4W
R552	1-249-437-11	CARBON	47K 5% 1/4W	R714	1-249-429-11	CARBON	10K 5% 1/4W
R553	1-247-897-11	CARBON	560K 5% 1/4W	R715	1-249-441-11	CARBON	100K 5% 1/4W
R556	1-249-429-11	CARBON	10K 5% 1/4W	R716	1-249-417-11	CARBON	1K 5% 1/4W
R557	1-247-887-00	CARBON	220K 5% 1/4W	R718	1-249-437-11	CARBON	47K 5% 1/4W
R558	1-249-427-11	CARBON	6.8K 5% 1/4W	R719	1-249-487-11	CARBON	15K 5% 1/2W
R559	1-249-427-11	CARBON	6.8K 5% 1/4W	▲ R720	1-216-456-00	METAL OXIDE	820 5% 2W F
R560	1-247-903-00	CARBON	1M 5% 1/4W	R722	1-247-903-00	CARBON	1M 5% 1/4W
R561	1-247-903-00	CARBON	1M 5% 1/4W	R723	1-249-433-11	CARBON	22K 5% 1/4W
R562	1-247-903-00	CARBON	1M 5% 1/4W	R724	1-249-428-11	CARBON	8.2K 5% 1/4W
R563	1-247-903-00	CARBON	1M 5% 1/4W	R751	1-249-417-11	CARBON	1K 5% 1/4W
R564	1-247-903-00	CARBON	1M 5% 1/4W	R752	1-249-438-11	CARBON	56K 5% 1/4W
R565	1-247-903-00	CARBON	1M 5% 1/4W	R753	1-249-412-11	CARBON	390 5% 1/4W
R566	1-247-903-00	CARBON	1M 5% 1/4W	R754	1-249-438-11	CARBON	56K 5% 1/4W
R569	1-249-429-11	CARBON	10K 5% 1/4W	R757	1-249-417-11	CARBON	1K 5% 1/4W
R570	1-249-435-11	CARBON	33K 5% 1/4W	R758	1-249-430-11	CARBON	12K 5% 1/4W
R570	1-249-435-11	CARBON	33K 5% 1/4W	R759	1-249-441-11	CARBON	100K 5% 1/4W
R575	1-249-429-11	CARBON	10K 5% 1/4W (UK)	▲ R760	1-217-156-00	RES, METAL PLATE	0.22 5W F
R584	1-249-427-11	CARBON	6.8K 5% 1/4W (UK)	R761	1-247-727-11	CARBON	10 5% 1/2W
R585	1-247-895-00	CARBON	470K 5% 1/4W (UK)	R762	1-247-727-11	CARBON	10 5% 1/2W
R601	1-249-429-11	CARBON	10K 5% 1/4W	R763	1-249-437-11	CARBON	47K 5% 1/4W
R602	1-249-438-11	CARBON	56K 5% 1/4W	R773	1-249-433-11	CARBON	22K 5% 1/4W
R603	1-247-848-11	CARBON	5.1K 5% 1/4W	▲ R801	1-215-917-11	METAL OXIDE	1K 5% 3W F
R604	1-249-429-11	CARBON	10K 5% 1/4W	▲ R802	1-215-917-11	METAL OXIDE	1K 5% 3W F

The components identified by mark ▲ or dotted line with mark ▲ are critical for safety. Replace only with part number specified.

**MAIN** **POWER AMP** **MIC** **PANEL**

Ref. No.	Part No.	Description	Remark
R803	1-249-428-11	CARBON	8.2K 5% 1/4W
R804	1-249-428-11	CARBON	8.2K 5% 1/4W
R805	1-247-761-11	CARBON	5.6K 5% 1/2W
R806	1-249-421-11	CARBON	2.2K 5% 1/4W

## &lt; RELAY &gt;

RY701 1-515-765-11 RELAY

## &lt; SWITCH &gt;

△S1 1-554-920-51 SWITCH, PUSH (AC POWER) (1 KEY)

## &lt; TERMINAL BOARD &gt;

TM701 1-537-240-11 TERMINAL BOARD (CHECKER PIN)

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\* 1-643-545-11 MIC BOARD

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## &lt; CAPACITOR &gt;

C401	1-106-343-00	MYLAR	1000PF	5%	200V
C402	1-136-167-00	FILM	0.15uF	5%	50V
C403	1-162-219-31	CERAMIC	68PF	5%	50V
C404	1-162-286-31	CERAMIC	220PF	10%	50V
C405	1-126-163-11	ELECT	4.7uF	20%	50V
C406	1-126-163-11	ELECT	4.7uF	20%	50V
C407	1-162-286-31	CERAMIC	220PF	10%	50V
C408	1-126-163-11	ELECT	4.7uF	20%	50V
C409	1-124-034-51	ELECT	33uF	20%	16V
C410	1-124-034-51	ELECT	33uF	20%	16V

## &lt; CONNECTOR &gt;

\* CN401 1-564-509-11 PLUG, CONNECTOR 6P

## &lt; IC &gt;

IC401 8-759-636-73 IC M5218AL-22

## &lt; JACK &gt;

J401 1-507-854-00 JACK, PHONE (MIC)

## &lt; RESISTOR &gt;

R401	1-249-441-11	CARBON	100K	5%	1/4W
R402	1-249-429-11	CARBON	10K	5%	1/4W
R403	1-249-417-11	CARBON	1K	5%	1/4W
R404	1-249-440-11	CARBON	82K	5%	1/4W
R405	1-249-429-11	CARBON	10K	5%	1/4W
R406	1-249-427-11	CARBON	6.8K	5%	1/4W
R407	1-249-440-11	CARBON	82K	5%	1/4W
R408	1-249-409-11	CARBON	220	5%	1/4W

Ref. No.	Part No.	Description	Remark
R409	1-249-429-11	CARBON	10K 5% 1/4W
R410	1-249-405-11	CARBON	100 5% 1/4W
R411	1-249-405-11	CARBON	100 5% 1/4W
R412	1-249-405-11	CARBON	100 5% 1/4W
R413	1-249-405-11	CARBON	100 5% 1/4W

## &lt; VARIABLE RESISTOR &gt;

RV401 1-241-317-11 RES, VAR, CARBON 50K (MIC LEVEL)

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- \* A-4347-263-A PANEL BOARD, COMPLETE (AEP)
- \* A-4347-262-A PANEL BOARD, COMPLETE (UK)

\*\*\*\*\*

- \* 4-934-853-01 CUSHION
- \* 4-950-648-01 HOLDER (FU), LED
- \* 4-950-649-01 HOLDER, FL TUBE

## &lt; CAPACITOR &gt;

C623	1-126-059-11	ELECT	10uF	20%	50V
C624	1-126-059-11	ELECT	10uF	20%	50V
C625	1-124-034-51	ELECT	33uF	20%	16V
C626	1-126-059-11	ELECT	10uF	20%	50V
C627	1-126-300-11	ELECT	0.47uF	20%	50V
C631	1-162-207-31	CERAMIC	22PF	5%	50V
C673	1-126-059-11	ELECT	10uF	20%	50V
C674	1-126-059-11	ELECT	10uF	20%	50V
C675	1-124-034-51	ELECT	33uF	20%	16V
C676	1-126-059-11	ELECT	10uF	20%	50V
C681	1-162-207-31	CERAMIC	22PF	5%	50V
C901	1-124-473-11	ELECT	1000uF	20%	10V
C902	1-125-486-11	DOUBLE LAYERS	0.22F		5.5V
C903	1-124-994-11	ELECT	100uF	20%	10V
C904	1-136-153-00	FILM	0.01uF	5%	50V
C905	1-136-153-00	FILM	0.01uF	5%	50V
C906	1-136-153-00	FILM	0.01uF	5%	50V
C907	1-136-159-00	FILM	0.033uF	5%	50V
C908	1-164-159-11	CERAMIC	0.1uF		50V
C909	1-164-159-11	CERAMIC	0.1uF		50V
C910	1-164-070-11	CERAMIC	100PF	5%	50V
C911	1-136-165-00	FILM	0.1uF	5%	50V
C912	1-136-165-00	FILM	0.1uF	5%	50V
C913	1-136-165-00	FILM	0.1uF	5%	50V
C914	1-126-059-11	ELECT	10uF	20%	50V
C915	1-136-153-00	FILM	0.01uF	5%	50V
C916	1-164-081-91	CERAMIC	470PF		50V
C917	1-164-081-91	CERAMIC	470PF		50V
C918	1-164-159-11	CERAMIC	0.1uF		50V
C919	1-164-159-11	CERAMIC	0.1uF		50V
C920	1-164-159-11	CERAMIC	0.1uF		50V

The components identified by mark  or dotted line with mark  are critical for safety.  
Replace only with part number specified.

## PANEL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark		
C921	1-162-294-31	CERAMIC	0.001uF	10%	50V	D918	8-719-313-69	LED	SEL3210S-CD (PROGRAM FUNCTION)
C922	1-164-159-11	CERAMIC	0.1uF		50V	D919	8-719-313-69	LED	SEL3210S-CD (EFFECT)
C923	1-124-229-00	ELECT	33uF	20%	10V	D921	8-719-313-69	LED	SEL3210S-CD (BASS SYNTH)
C924	1-164-159-11	CERAMIC	0.1uF		50V	D923	8-719-313-69	LED	SEL3210S-CD (CD DIRECT)
C925	1-124-229-00	ELECT	33uF	20%	10V	D924	8-719-987-63	LED	1N4148M
C926	1-126-157-11	ELECT	10uF	20%	16V	D925	8-719-301-44	LED	SEL2410E-D (VIDEO 1)
C927	1-161-374-11	CERAMIC	0.0015uF	20%	50V	D926	8-719-987-63	DIODE	1N4148M
C928	1-164-081-11	CERAMIC	470PF	10%	50V	D927	8-719-301-44	LED	SEL2410E-D (VISUAL INPUT)
C929	1-164-081-11	CERAMIC	470PF	10%	50V	D928	8-719-987-63	DIODE	1N4148M
C930	1-164-081-11	CERAMIC	470PF	10%	50V	D929	8-719-000-60	DIODE	UZL-6M2
C931	1-164-081-11	CERAMIC	470PF	10%	50V	D930	8-719-987-63	DIODE	1N4148M
C932	1-164-081-11	CERAMIC	470PF	10%	50V	D931	8-719-987-63	DIODE	1N4148M
C933	1-126-157-11	ELECT	10uF	20%	16V	D932	8-719-987-63	DIODE	1N4148M
C934	1-164-159-11	CERAMIC	0.1uF		50V	D933	8-719-987-63	DIODE	1N4148M
C935	1-124-443-00	ELECT	100uF	20%	10V	D934	8-719-987-63	DIODE	1N4148M
C936	1-164-159-11	CERAMIC	0.1uF		50V	D935	8-719-987-63	DIODE	1N4148M
C937	1-126-863-71	ELECT	3.3uF		50V	D936	8-719-987-63	DIODE	1N4148M
< VIBRATOR >									
CF901	1-577-101-11	VIBRATOR, CERAMIC			D937	8-719-987-63	DIODE	1N4148M	
< CONNECTOR >									
* CN603	1-564-508-11	PLUG, CONNECTOR 5P			D938	8-719-987-63	DIODE	1N4148M	
* CN604	1-564-507-11	PLUG, CONNECTOR 4P			D939	8-719-987-63	DIODE	1N4148M	
* CN606	1-568-322-11	PLUG, CONNECTOR 10P			D940	8-719-987-63	DIODE	1N4148M	
* CN901	1-568-834-11	SOCKET, CONNECTOR 15P			D941	8-719-301-39	LED	SEL2210S-D (PHONO)	
< CIRCUIT BLOCK >									
CP901	1-232-882-11	COMPOSITION CIRCUIT BLOCK			D942	8-719-301-39	LED	SEL2210S-D (TUNER)	
CP902	1-232-882-11	COMPOSITION CIRCUIT BLOCK			D943	8-719-301-39	LED	SEL2210S-D (CD)	
CP903	1-232-882-11	COMPOSITION CIRCUIT BLOCK			D944	8-719-301-39	LED	SEL2210S-D (TAPE)	
< DIODE >									
D601	8-719-987-63	DIODE	1N4148M		D945	8-719-301-39	LED	SEL2210S-D (VIDEO 2)	
D901	8-719-000-81	DIODE	UZL-7L3		D946	8-719-313-69	LED	SEL3210S-CD (EQ)	
D902	8-719-987-63	DIODE	1N4148M		D947	8-719-313-69	LED	SEL3210S-CD (PERSONAL FILE 1-5)	
D903	8-719-200-02	DIODE	10E2		D948	8-719-313-69	LED	SEL3210S-CD (SELECT 10)	
D904	8-719-200-02	DIODE	10E2		D949	8-719-313-69	LED	SEL3210S-CD (MEMORY)	
D905	8-719-987-63	DIODE	1N4148M		D950	8-719-301-39	LED	SEL2210S-D (DAT)	
< FLUORESCENT INDICATOR >									
FL901	1-519-737-11	INDICATOR TUBE, FLUORESCENT							
< IC >									
IC603	8-759-634-50	IC	M5218AL						
IC604	8-759-801-01	IC	LC4966						
IC901	8-759-060-25	IC	uPD75208CW-B31						
IC902	8-759-635-63	IC	M51943BSL						
IC903	8-759-987-16	IC	LM393P						
IC905	8-759-991-11	IC	XR1091DCP						
IC906	8-759-822-27	IC	LC7565K						
< COIL >									
L901	1-408-080-00	INDUCTOR	100uH						
L902	1-408-121-00	INDUCTOR	22uH						
L903	1-408-121-00	INDUCTOR	22uH						

## PANEL

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
< TRANSISTOR >							
Q601	8-729-224-62	TRANSISTOR	2SK246-GR	R628	1-249-441-11	CARBON	100K 5% 1/4W
Q602	8-729-141-26	TRANSISTOR	2SC3622A-LK	R640	1-249-433-11	CARBON	22K 5% 1/4W
Q603	8-729-900-63	TRANSISTOR	DTA124ES	R642	1-249-425-11	CARBON	4.7K 5% 1/4W
Q604	8-729-900-63	TRANSISTOR	DTA124ES	R650	1-249-417-11	CARBON	1K 5% 1/4W
Q605	8-729-119-76	TRANSISTOR	2SA1175-HFE	R665	1-247-887-00	CARBON	220K 5% 1/4W
Q606	8-729-900-80	TRANSISTOR	DTC114ES	R666	1-249-425-11	CARBON	4.7K 5% 1/4W
Q651	8-729-224-62	TRANSISTOR	2SK246-GR	R667	1-247-895-00	CARBON	470K 5% 1/4W
Q652	8-729-141-26	TRANSISTOR	2SC3622A-LK	R668	1-249-428-11	CARBON	8.2K 5% 1/4W
Q901	8-729-620-05	TRANSISTOR	2SC2603-EF	R669	1-249-425-11	CARBON	4.7K 5% 1/4W
Q902	8-729-620-05	TRANSISTOR	2SC2603-EF	R670	1-249-405-11	CARBON	100 5% 1/4W
Q903	8-729-620-05	TRANSISTOR	2SC2603-EF	R671	1-249-417-11	CARBON	1K 5% 1/4W
Q904	8-729-900-80	TRANSISTOR	DTC114ES	R674	1-249-435-11	CARBON	33K 5% 1/4W
Q905	8-729-900-80	TRANSISTOR	DTC114ES	R675	1-249-426-11	CARBON	5.6K 5% 1/4W
Q906	8-729-900-80	TRANSISTOR	DTC114ES	R676	1-249-428-11	CARBON	8.2K 5% 1/4W
Q907	8-729-900-80	TRANSISTOR	DTC114ES	R692	1-249-425-11	CARBON	4.7K 5% 1/4W
Q908	8-729-900-80	TRANSISTOR	DTC114ES (UK)	R901	1-249-429-11	CARBON	10K 5% 1/4W
Q909	8-729-900-80	TRANSISTOR	DTC114ES	R902	1-249-433-11	CARBON	22K 5% 1/4W
Q910	8-729-900-80	TRANSISTOR	DTC114ES	R903	1-249-433-11	CARBON	22K 5% 1/4W
Q911	8-729-900-80	TRANSISTOR	DTC114ES	R904	1-249-433-11	CARBON	22K 5% 1/4W
Q912	8-729-900-80	TRANSISTOR	DTC114ES	R905	1-249-441-11	CARBON	100K 5% 1/4W
Q913	8-729-900-80	TRANSISTOR	DTC114ES	R906	1-249-417-11	CARBON	1K 5% 1/4W
Q914	8-729-900-80	TRANSISTOR	DTC114ES	R907	1-249-441-11	CARBON	100K 5% 1/4W
Q915	8-729-620-05	TRANSISTOR	2SC2603-EF	R908	1-249-428-11	CARBON	8.2K 5% 1/4W
Q916	8-729-620-05	TRANSISTOR	2SC2603-EF	R909	1-249-428-11	CARBON	8.2K 5% 1/4W
Q917	8-729-620-05	TRANSISTOR	2SC2603-EF	R910	1-249-417-11	CARBON	1K 5% 1/4W
Q918	8-729-620-05	TRANSISTOR	2SC2603-EF	R911	1-249-425-11	CARBON	4.7K 5% 1/4W
Q919	8-729-620-05	TRANSISTOR	2SC2603-EF	R912	1-249-425-11	CARBON	4.7K 5% 1/4W
Q920	8-729-620-05	TRANSISTOR	2SC2603-EF	R913	1-249-425-11	CARBON	4.7K 5% 1/4W
Q921	8-729-900-80	TRANSISTOR	DTC114ES	R915	1-249-429-11	CARBON	10K 5% 1/4W
Q922	8-729-900-80	TRANSISTOR	DTC114ES	R916	1-249-429-11	CARBON	10K 5% 1/4W
Q923	8-729-900-80	TRANSISTOR	DTC114ES	R917	1-249-429-11	CARBON	10K 5% 1/4W
Q924	8-729-900-63	TRANSISTOR	2SA1346 (UK)	R918	1-249-433-11	CARBON	22K 5% 1/4W
< RESISTOR >							
R615	1-247-887-00	CARBON	220K 5% 1/4W	R919	1-249-441-11	CARBON	100K 5% 1/4W
R616	1-249-425-11	CARBON	4.7K 5% 1/4W	R920	1-249-441-11	CARBON	100K 5% 1/4W
R617	1-247-895-00	CARBON	470K 5% 1/4W	R921	1-249-441-11	CARBON	100K 5% 1/4W
R618	1-249-428-11	CARBON	8.2K 5% 1/4W	R922	1-249-441-11	CARBON	100K 5% 1/4W
R619	1-249-425-11	CARBON	4.7K 5% 1/4W	R923	1-249-417-11	CARBON	1K 5% 1/4W
R620	1-249-405-11	CARBON	100 5% 1/4W	R924	1-249-417-11	CARBON	1K 5% 1/4W
R621	1-249-417-11	CARBON	1K 5% 1/4W	R925	1-249-417-11	CARBON	1K 5% 1/4W
R622	1-249-429-11	CARBON	10K 5% 1/4W	R926	1-249-417-11	CARBON	1K 5% 1/4W
R623	1-249-441-11	CARBON	100K 5% 1/4W	R927	1-249-417-11	CARBON	1K 5% 1/4W
R624	1-249-435-11	CARBON	33K 5% 1/4W	R928	1-249-417-11	CARBON	1K 5% 1/4W
R625	1-249-426-11	CARBON	5.6K 5% 1/4W	R929	1-249-417-11	CARBON	1K 5% 1/4W (UK)
R626	1-249-428-11	CARBON	8.2K 5% 1/4W	R930	1-249-441-11	CARBON	100K 5% 1/4W
R627	1-249-433-11	CARBON	22K 5% 1/4W	R931	1-249-441-11	CARBON	100K 5% 1/4W
				R932	1-249-441-11	CARBON	100K 5% 1/4W
				R933	1-249-417-11	CARBON	1K 5% 1/4W
				R934	1-249-417-11	CARBON	1K 5% 1/4W
				R935	1-249-417-11	CARBON	1K 5% 1/4W

PANEL

PIN JACK

Ref. No.	Part No.	Description	Remark
R936	1-249-417-11	CARBON	1K 5% 1/4W
R937	1-249-433-11	CARBON	22K 5% 1/4W
R938	1-249-433-11	CARBON	22K 5% 1/4W
R939	1-249-405-11	CARBON	100 5% 1/4W
R940	1-249-439-11	CARBON	68K 5% 1/4W
R941	1-249-441-11	CARBON	100K 5% 1/4W
R942	1-249-441-11	CARBON	100K 5% 1/4W
R943	1-249-441-11	CARBON	100K 5% 1/4W
R944	1-249-412-11	CARBON	390 5% 1/4W
R945	1-249-413-11	CARBON	470 5% 1/4W (UK)
R946	1-249-411-11	CARBON	330 5% 1/4W
R947	1-249-411-11	CARBON	330 5% 1/4W
R948	1-249-411-11	CARBON	330 5% 1/4W
R949	1-249-413-11	CARBON	470 5% 1/4W
R950	1-249-410-11	CARBON	270 5% 1/4W
R951	1-249-411-11	CARBON	330 5% 1/4W
R952	1-249-393-11	CARBON	10 5% 1/4W
R953	1-249-419-11	CARBON	1.5K 5% 1/4W
R954	1-249-441-11	CARBON	100K 5% 1/4W
R955	1-249-409-11	CARBON	220 5% 1/4W
R956	1-247-891-00	CARBON	330K 5% 1/4W
R957	1-249-432-11	CARBON	18K 5% 1/4W
R958	1-247-891-00	CARBON	330K 5% 1/4W
R961	1-249-441-11	CARBON	100K 5% 1/4W
R962	1-249-441-11	CARBON	100K 5% 1/4W
R963	1-249-441-11	CARBON	100K 5% 1/4W
R964	1-249-441-11	CARBON	100K 5% 1/4W
R965	1-249-441-11	CARBON	100K 5% 1/4W
R966	1-249-396-11	CARBON	18 5% 1/6W
R967	1-249-396-11	CARBON	18 5% 1/6W
R968	1-249-396-11	CARBON	18 5% 1/6W
R969	1-249-396-11	CARBON	18 5% 1/6W
R970	1-249-396-11	CARBON	18 5% 1/6W
< VARIABLE RESISTOR >			
RV601	1-241-879-11	RES, VAR, CARBON 20K	(BASS SYNTHESISER LEVEL)
RV602	1-238-459-11	RES, VAR, CARBON 100K	(BALANCE)
< SWITCH >			
S901	1-554-303-21	SWITCH, TACTILE	(PROGRAM FUNCTION)
S902	1-554-303-21	SWITCH, TACTILE	(EQ)
S903	1-554-303-21	SWITCH, TACTILE	(PHONO)
S904	1-554-303-21	SWITCH, TACTILE	(▼)
S905	1-554-303-21	SWITCH, TACTILE	(►)
S906	1-554-303-21	SWITCH, TACTILE	(PERSONAL FILE 1-5)
S907	1-554-303-21	SWITCH, TACTILE	(TUNER)
S908	1-554-303-21	SWITCH, TACTILE	(SURROUND LEVEL)
S909	1-554-303-21	SWITCH, TACTILE	(CD DIRECT)

Ref. No.	Part No.	Description	Remark
S910	1-554-303-21	SWITCH, TACTILE (SELECT 10)	
S911	1-554-303-21	SWITCH, TACTILE (CD)	
S912	1-554-303-21	SWITCH, TACTILE (SURROUND MODE)	
S913	1-554-303-21	SWITCH, TACTILE (TAPE)	
S914	1-554-303-21	SWITCH, TACTILE (◀)	
S915	1-554-303-21	SWITCH, TACTILE (REVERSE)	
S916	1-554-303-21	SWITCH, TACTILE (MEMORY)	
S917	1-554-303-21	SWITCH, TACTILE (FLAT)	
S918	1-554-303-21	SWITCH, TACTILE (▲)	
S919	1-554-303-21	SWITCH, TACTILE (VIDEO 2)	
S920	1-554-303-21	SWITCH, TACTILE (VIDEO 1)	
S921	1-554-303-21	SWITCH, TACTILE (DISPLAY)	
S922	1-554-303-21	SWITCH, TACTILE (EFFECT)	
S923	1-554-303-21	SWITCH, TACTILE (BASS SYNTH)	
S924	1-554-303-21	SWITCH, TACTILE (KARAOKE PON)	
*****			
A-4347-264-A PIN JACK BOARD			
*****			
< CAPACITOR >			
C102	1-126-161-11	ELECT	2.2uF 20% 50V
C103	1-162-282-31	CERAMIC	100PF 10% 50V
C104	1-162-219-31	CERAMIC	68PF 5% 50V
C105	1-126-022-11	ELECT	47uF 20% 10V
C106	1-130-480-00	MYLAR	0.0056uF 5% 50V
C107	1-106-347-00	MYLAR	1500PF 5% 200V
C108	1-124-464-11	ELECT	0.22uF 20% 50V
C109	1-124-034-51	ELECT	33uF 20% 16V
C111	1-126-233-11	ELECT	22uF 20% 50V
C113	1-126-233-11	ELECT	22uF 20% 50V
C116	1-126-233-11	ELECT	22uF 20% 50V
C117	1-124-034-51	ELECT	33uF 20% 16V
C118	1-124-034-51	ELECT	33uF 20% 16V
C152	1-126-161-11	ELECT	2.2uF 20% 50V
C153	1-162-282-31	CERAMIC	100PF 10% 50V
C154	1-162-219-31	CERAMIC	68PF 5% 50V
C155	1-126-022-11	ELECT	47uF 20% 10V
C156	1-130-480-00	MYLAR	0.0056uF 5% 50V
C157	1-106-347-00	MYLAR	1500PF 5% 200V
C158	1-124-464-11	ELECT	0.22uF 20% 50V
C159	1-124-034-51	ELECT	33uF 20% 16V
C161	1-126-233-11	ELECT	22uF 20% 50V
C163	1-126-233-11	ELECT	22uF 20% 50V
C166	1-126-233-11	ELECT	22uF 20% 50V
C167	1-124-034-51	ELECT	33uF 20% 16V
C168	1-124-034-51	ELECT	33uF 20% 16V
C201	1-126-059-11	ELECT	10uF 20% 50V
C202	1-124-471-00	ELECT	1000uF 20% 6.3V
C203	1-126-059-11	ELECT	10uF 20% 50V

## PIN JACK

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
C204	1-124-471-00	ELECT	1000uF 20% 6.3V	R111	1-249-405-11	CARBON	100 5% 1/4W
C205	1-161-379-00	CERAMIC	0.01uF 20% 25V	R112	1-249-423-11	CARBON	3.3K 5% 1/4W
C206	1-124-997-11	ELECT	470uF 20% 10V	R113	1-249-429-11	CARBON	10K 5% 1/4W
< CONNECTOR >				R114	1-249-417-11	CARBON	1K 5% 1/4W
* CN101 1-568-320-11 PLUG, CONNECTOR 8P				R115	1-247-903-00	CARBON	1M 5% 1/4W
* CN102 1-568-320-11 PLUG, CONNECTOR 8P				R116	1-249-413-11	CARBON	470 5% 1/4W
< DIODE >				R117	1-247-903-00	CARBON	1M 5% 1/4W
D101	8-719-987-63	DIODE	1N4148M	R118	1-249-417-11	CARBON	1K 5% 1/4W
D102	8-719-987-63	DIODE	1N4148M	R119	1-247-903-00	CARBON	1M 5% 1/4W
D201	8-719-987-63	DIODE	1N4148M	R120	1-249-405-11	CARBON	100 5% 1/4W
< IC >				R121	1-249-405-11	CARBON	100 5% 1/4W
IC101	8-759-636-73	IC	M5218AL-22	R122	1-249-417-11	CARBON	1K 5% 1/4W
IC102	8-759-000-48	IC	MC14052BCP	R123	1-249-417-11	CARBON	1K 5% 1/4W
IC103	8-759-000-49	IC	MC14066BCP	R124	1-249-417-11	CARBON	1K 5% 1/4W
IC201	8-759-514-76	IC	MM1031XS	R125	1-249-417-11	CARBON	1K 5% 1/4W
< JACK >				R126	1-249-433-11	CARBON	22K 5% 1/4W
* J101 1-569-812-11 JACK, PIN 6P (PHONO/CD/VIDEO2)				R151	1-249-417-11	CARBON	1K 5% 1/4W
J102	1-565-304-11	JACK, PIN 4P	(VIDEO1 IN/OUT)	R152	1-249-441-11	CARBON	100K 5% 1/4W
J201	1-565-934-11	JACK, PIN 2P	(VIDEO2 IN/1 OUT)	R153	1-249-417-11	CARBON	1K 5% 1/4W
J202	1-565-934-11	JACK, PIN 2P	(VIDEO1/DAT IN /MONITOR OUT)	R154	1-249-441-11	CARBON	100K 5% 1/4W
< COIL >				R155	1-249-416-11	CARBON	820 5% 1/4W
L201 1-408-080-00 INDUCTOR 100uH				R156	1-247-897-11	CARBON	560K 5% 1/4W
< TRANSISTOR >				R157	1-249-437-11	CARBON	47K 5% 1/4W
Q101	8-729-900-63	TRANSISTOR	DTA124ES	R158	1-249-417-11	CARBON	1K 5% 1/4W
Q201	8-729-119-77	TRANSISTOR	2SA1175-FEK	R159	1-249-441-11	CARBON	100K 5% 1/4W
Q202	8-729-900-63	TRANSISTOR	DTA124ES	R160	1-249-405-11	CARBON	100 5% 1/4W
Q203	8-729-119-77	TRANSISTOR	2SA1175-FEK	R161	1-249-405-11	CARBON	100 5% 1/4W
Q204	8-729-900-80	TRANSISTOR	DTA124ES	R162	1-249-423-11	CARBON	3.3K 5% 1/4W
Q205	8-729-620-05	TRANSISTOR	2SC2603-EF	R163	1-249-429-11	CARBON	10K 5% 1/4W
Q206	8-729-900-63	TRANSISTOR	DTA124ES	R164	1-249-417-11	CARBON	1K 5% 1/4W
< RESISTOR >				R165	1-247-903-00	CARBON	1M 5% 1/4W
R101	1-249-417-11	CARBON	1K 5% 1/4W	R166	1-249-413-11	CARBON	470 5% 1/4W
R102	1-249-441-11	CARBON	100K 5% 1/4W	R167	1-247-903-00	CARBON	1M 5% 1/4W
R103	1-249-417-11	CARBON	1K 5% 1/4W	R168	1-249-417-11	CARBON	1K 5% 1/4W
R104	1-249-441-11	CARBON	100K 5% 1/4W	R169	1-247-903-00	CARBON	1M 5% 1/4W
R105	1-249-416-11	CARBON	820 5% 1/4W	R170	1-249-405-11	CARBON	100 5% 1/4W
R106	1-247-897-11	CARBON	560K 5% 1/4W	R171	1-249-405-11	CARBON	100 5% 1/4W
R107	1-249-437-11	CARBON	47K 5% 1/4W	R201	1-247-804-11	CARBON	75 5% 1/4W
R108	1-249-417-11	CARBON	1K 5% 1/4W	R202	1-249-403-11	CARBON	68 5% 1/4W
R109	1-249-441-11	CARBON	100K 5% 1/4W	R203	1-249-429-11	CARBON	10K 5% 1/4W
R110	1-249-405-11	CARBON	100 5% 1/4W	R204	1-247-804-11	CARBON	75 5% 1/4W
				R205	1-249-403-11	CARBON	68 5% 1/4W
				R206	1-249-429-11	CARBON	10K 5% 1/4W
				R207	1-249-408-11	CARBON	180 5% 1/4W
				R208	1-249-408-11	CARBON	180 5% 1/4W
				R209	1-249-408-11	CARBON	180 5% 1/4W
				R210	1-249-433-11	CARBON	22K 5% 1/4W
				R211	1-249-426-11	CARBON	5.6K 5% 1/4W
				R212	1-249-433-11	CARBON	22K 5% 1/4W

PIN JACK VOL

Ref. No.	Part No.	Description	Remark		
R213	1-249-408-11	CARBON	180	5%	1/4W
R214	1-249-417-11	CARBON	1K	5%	1/4W
*****					
*	1-643-547-11	VOL BOARD	*****		
			< CAPACITOR >		
C628	1-136-165-00	FILM	0.1uF	5%	50V
C916	1-124-443-00	ELECT	100uF	20%	10V
C917	1-124-472-11	ELECT	470uF	20%	10V
C935	1-124-994-11	ELECT	100uF	20%	10V
			< CONNECTOR >		
*	CN605	1-564-506-11	PLUG, CONNECTOR 3P		
	CN607	1-568-321-11	SOCKET, CONNECTOR 10P		
			< DIODE >		

D910 8-719-010-32 DIODE UZ-4.7BSA  
 D913 8-719-200-02 DIODE 10E2  
 D914 8-719-200-02 DIODE 10E2

&lt; IC &gt;

IC904 8-759-820-62 IC LB1639

&lt; RESISTOR &gt;

R914 1-249-405-11 CARBON 100 5% 1/4W

&lt; VARIABLE RESISTOR &gt;

RV603 1-238-708-21 RES. VAR. CARBON 10K/100K/100K (VOLUME)  
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MISCELLANEOUS  
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14 1-690-095-11 WIRE, FLAT TYPE (15 CORE)  
 △58 1-575-654-11 CORD, POWER (AEP)  
 △58 1-575-669-21 CORD, POWER (UK)  
 △T901 1-450-872-11 TRANSFORMER, POWER

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ACCESSORIES &amp; PACKING MATERIALS

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4-920-940-01 SHEET (A), PROTECTION  
 \* 4-934-859-01 CUSHION

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The components identified by  
 mark △ or dotted line with mark  
 △ are critical for safety.  
 Replace only with part number  
 specified.